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# AMERICAN POULTRY WORLD

JANUARY, 1914

Vol. V.

No. 3

INDUSTRY

PROGRESS

ECONOMY



AMERICAN POULTRY PUBLISHING COMPANY  
BUFFALO, N.Y., U.S.A.



# SCHENLY HEIGHTS POULTRY FARMS

## SINGLE AND ROSE COMB      SILVER AND GOLDEN

## RHODE ISLAND REDS      CAMPINES

*In establishing Schenly Height's Strain of Rhode Island Reds and Campines we have endeavored to produce healthy and vigorous stock as well as quality in standard requirements. The success of Schenly Heights stock for us and our customers has proven that we have done this. Our birds grow quickly, mature early and win in the show room. Our 1912-13 show record at Philadelphia, Cleveland and Pittsburgh where we won 13 out of a possible 15 first prizes was one of the best of the year. Our wonderful cockerel "Champion" was awarded the Sweepstake Special for the best male at all three shows establishing a record that stands alone.*

### BIG PALACE SHOW NEW YORK CITY, DECEMBER 2-6, 1913

On Rhode Island Reds as follows:

**SINGLE COMB REDS**—1-2 pens, 2 cock, 3 hen, 1 pullet,

**ROSE COMB REDS**—4 cock, 2 hen (only 3 entries in this variety).

Reese V. Hicks who placed the awards said the REDS at this exhibit were among the best classes ever shown.

On Campines as follows;

**SILVER CAMPINES**—1 cock, 2-3 hen, 1 cockerel, 2-5 pullet, 1 pen. Seven Regular prizes on eight entries. Our first prize cock in this class was pronounced by competent judges to be the best colored Campine male that has been produced down-to-date.

**GOLDEN CAMPINES**—we won 1-2 cockerel, 2-3-4 pullet on five entries.

### 1500 BIRDS FOR SALE

We can furnish both quality and quantity, in young or old stock. Choice stock in exhibition birds that can win, at reasonable prices. Our specialty is Selected Breeding Birds, mated for best results. We can furnish choice pairs, trios, pens or larger lots. Write your wants. We will be pleased to furnish any information and quote prices. Mention A. P. W.

SCHENLY HEIGHTS POULTRY FARM, C. F. Raukin, Prop., 1202 Commonwealth Bldg., PITTSBURGH, PA.

# WILBURTHA POULTRY FARM

## COLUMBIAN WYANDOTTES

S. C. BUFF LEGHORNS

PARTRIDGE ROCKS

S. C. WHITE LEGHORNS

Orders Booked Now For

BABY CHICKS

and

EGGS FOR HATCHING

Send for Mating List

and Prices.

## SOME RECENT WINNINGS

**WILBURTHA COLUMBIAN WYANDOTTES** won at the N. Y. Palace Show, Dec. 2-6, 1913, 2 pen; 1-4 cockerel; 4 cock; 5 hen; 5 pullet in one of the best classes ever shown.

**WILBURTHA S. C. BUFF LEGHORNS** made a clean sweep at the big Asbury Park Show, Nov. 24-29, 1913.

**WILBURTHA PARTRIDGE ROCKS** won many of the best prizes in the largest exhibit of this variety ever shown in the State at Paterson, N. J. Nov. 19-22, 1913.

**WILBURTHA S. C. WHITE LEGHORNS** won 1st in a strong class of cock birds at Allentown, Sept. 22-27, 1913.

## STOCK FOR SALE

We now have the largest and best flocks that we have ever owned and can supply you with single birds, pairs, trios or pens of any quality. Let us quote prices on your requirements.

Wilburtha Poultry Farm,

CHAS. J. FISK, Prop.,  
WM. D. CAMPBELL, Supt.

Trenton Junction, N. J.

# SILVER and GOLDEN CAMPINES

## MANHATTAN FARMS

THE PACEMAKERS OF AMERICA

The Big Money Makers of the Future. For the Very Best in

# CAMPINES

REMEMBER

Manhattan Farms,

Geo. E. Noeth,  
Proprietor

Brighton, N. Y.





# AMERICAN POULTRY WORLD

Published the First of Each Month by the  
AMERICAN POULTRY PUBLISHING  
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It is positively guaranteed that during the year ending April, 1914, the AMERICAN POULTRY WORLD will circulate an average of forty-five thousand (45,000) copies per month. All advertising contracts are based on this circulation.

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We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars.

AMERICAN POULTRY PUBLISHING COMPANY

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## 45,000 FOR JANUARY, 1914

E. D. Corson, Secretary-Treasurer of the Corson Manufacturing Co., printers and binders, being first duly sworn, states that that company has a contract for and is printing and binding forty-five thousand (45,000) copies of the January, 1914, number of the AMERICAN POULTRY WORLD.  
GEO. E. FITZSIMMONS, Notary Public.

# "ROYAL REDS"

## F. E. HARRISON'S CHAMPION SINGLE COMB RHODE ISLAND REDS AGAIN SWEEP CHICAGO.

The most phenomenal winnings of all times have just been awarded to this great strain in a most decisive manner. In the largest class of Single Comb Rhode Island Reds ever caged in a National Show, *Royal Reds* win as follows:

*First and Fourth Cock—Second and Fifth Hen—First and Fifth Cockerel—First, Second, Third and Fourth Pullet—First and Third Old Pen—First and Fifth Young Pen—Special best display—Color Special Male—Shape Special Male—Color Special Female—Shape Special Female—Best colored Pen, and the Red Club of America's Western Championship Cup for the best display.*

My First Prize Cockerel was the sensation of the Show, winning First and Championship in a class of One Hundred Six (106) Cockerels, a most enviable record, more so when it is taken into consideration that this bird was bred and raised from shell to show room by me. Particulars of this great win at request. My egg offerings for 1914 will be the best ever made.

I have every first prize winning male at the Great Chicago Coliseum Show from the 1912-13 and 1913-14 Shows. I have the largest flock of quality Single Comb Reds of any breeder in the world. Catalog Free.

F. E. HARRISON,

Box A,

MENOMINEE, MICH.



# Old Trusty Takes All The Mystery Out of Making Big Profits With Chickens

## WHY Experiment when You Can Be Sure?

Right now is the time to "stop, look and listen" before you buy your new incubator.

No matter what incubator you may be thinking about buying, you can not get away from this fact—the Old Trusty outsells all others three or four times.

Half a million people have bought this hatcher. I don't know how you would reason it out, but I believe that if that many people can decide on the Old Trusty, to keep their chicken profits up and their expenses down then their choice ought to be a pretty safe one to go by.

You cannot afford to experiment. Life is too short to be fussing around with uncertainties. You want profits. You are entitled to them and you get them quick and in big volume with the

## OLD TRUSTY

Three or Four Times as Many In Use as Any Others

—Big Hatches in Coldest Weather

The difference between the Old Trusty and all others is that it is simple—practical—and proves its worth right at the start. You can get good hatches with it at any time of the year—winter or summer. Your success does not depend upon your mastering a string of highfalutin instructions. Let others go in for experiment, but you get an Old Trusty and go in for profits.

Every buyer of an Old Trusty saves \$3 to \$5 because of the Johnson factory—the largest exclusive incubator factory in the world. But price is not my argument, for the Old Trusty is not built to meet a price. It is built as good as we can make it. Just to look at the picture the first thing that occurs to an experienced incubator user is that the top is clear. A mighty fine convenience for holding trays, etc. But there are many other good features such as the case with triple walls on all four sides, top and bottom. The iron is an exterior protection, the asbestos is an insulation and the California redwood forms the inner case. This wood, as you know, gets along without warping, shrinking or cracking.

### Your Old Trusty Is Crated—All Ready to Ship

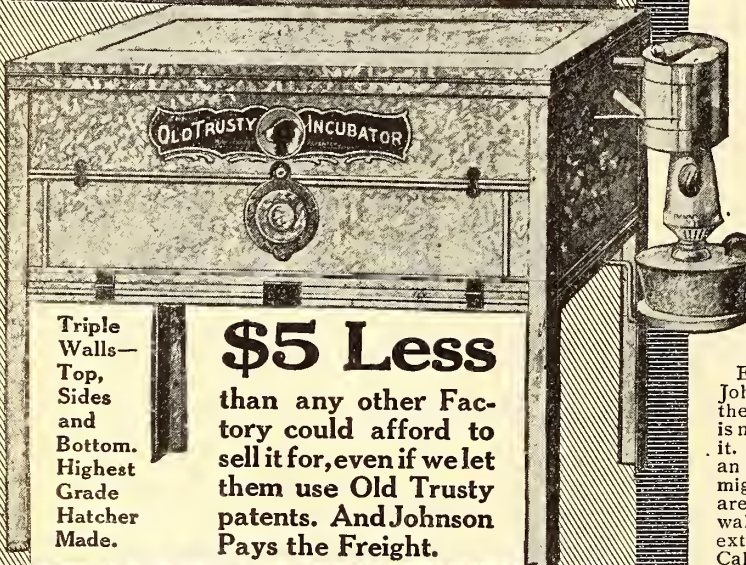
Prompt shipments are the regular rule here. Your Old Trusty will be on the way to you, freight prepaid, the same day your order reaches us. You can start your hatch right away. Bear in mind, the Old Trusty does not have to be rebuilt when it reaches you. Only the legs are removed, just to save space in shipping.

Address a Postal or a Letter or the Coupon and Mail Today to



M. M. JOHNSON

H. H. JOHNSON

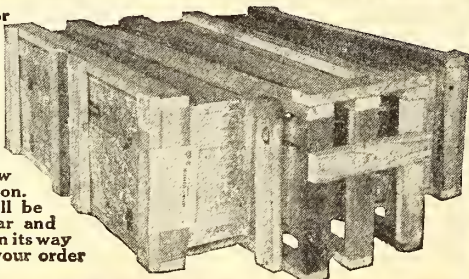


Triple Walls—Top, Sides and Bottom. Highest Grade Hatcher Made.

**\$5 Less**

than any other Factory could afford to sell it for, even if we let them use Old Trusty patents. And Johnson Pays the Freight.

Incubator Crated, ready to ship—and ready to use when you unpack and screw the legs on. Yours will be put in car and started on its way the day your order comes.





# Yours! The Book that Gave 500,000 People Real Profit Making Ideas on Poultry

**L**ET Me Mail It  
To You Quick—

I don't care what your ideas about making chicken profits may be, you can better yourself by reading a few chapters in the Old Trusty Book. It makes no difference whether you have been thinking about getting a new incubator, get the Old Trusty book anyway. You are interested in poultry or you wouldn't be reading this paper. You cannot fail to be more interested, and in a practical way, too, after reading the Old Trusty book. From cover to cover, it's all about chickens. It tells the inside facts on just the things you are vitally interested in. It shows the *real* ABC of making Poultry Profits.

Send In Your Name  
At Once—**FREE**  
The Book Is **FREE**

100,000 more people will be making profits this year with Old Trustys. And poultry profits will be better than ever.

I will be glad to refer you to any Old Trusty owner anywhere. No matter how old his or her machine may be. The hatchers we sold ten years ago outlived our ten year guarantee. I've guaranteed them for another ten.

**Get My Offer Based on  
100,000 Sales This Year—  
Now Is the Time to Start!**

Let me quote you on an Old Trusty, delivered, freight paid, to your station. Get your Old Trusty working right away—no need to wait till Spring. Old Trusty hatches in winter as well as in summer. Start NOW. You can have chicks making money for you when spring comes.

Remember, you make no experiment when you get an Old Trusty working. But whether you buy now or not, let me mail you the Old Trusty Book *free*.

Simply fill in the coupon and mail it. Or, if you prefer, write me a letter or a postal. Address

**JOHNSON, Incubator Man**  
CLAY CENTER, NEBR.



**Mail This Coupon Today**  
For the Old Trusty Book—Mailed Free

JOHNSON, Incubator Man, Clay Center, Nebr.

Please send me Old Trusty Book and quote me price for Old Trusty delivered to my station.

Name.....

Town..... State.....



# STANDARD LOW-COST BROODING DEVICES

**FACTS TALK,** not mere "claims," and this company *always* every claim it makes for its goods—backs up *proof* in the form of *signed* and *dated* reports from *satisfied customers*, from have "paid their good money" for our products and who know, therefore, from *actual, personal experience* whereof they speak or write.

## CYPHERS PORTABLE HOVERS

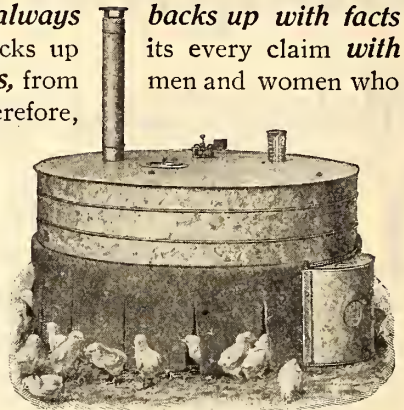
If you, Reader, are looking for a *low-cost method* of brooding the early chicks you are planning to raise—either home-hatched or bought as day-old chicks—you *cannot do better* than invest in a Cyphers Self-regulating, Self-ventilating, All-metal PORTABLE HOVER. See accompanying illustration, also footnote. Please read the *sample reports* herewith and write today—now, before you forget it!—for our latest (1914) large-size, PORTABLE HOVER CIRCULAR, telling "When, Where and How To Use" for best results.

Kendal Green, Mass., July 16, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
The four Portable Hovers you shipped us have proved very satisfactory. We regret that you could not at the time furnish us with ten more of these hovers, for we are sure they would have proved of considerable financial benefit to us. We have ten hovers of an inferior make which we were obliged to purchase, not being able to obtain yours, and we are now disposing of them to make room for the Cyphers Portables. Of the twenty-five hovers in our modern, latest-style brooder house, fourteen are Cyphers and the remaining ten are to be exchanged for Cyphers the coming season.  
G. L. & W. L. HAGER.

Maple Beach, N. Y., September 4, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
I have five of your Self-regulating, Self-ventilating Portable Hovers and consider them wonderful. Have never had a bit of crowding in these hovers and not one chick has smothered. All were strong and vigorous. We kept a record of two of the hovers and out of 295 chicks placed in them, not one died. Morning after morning we would find every chick alive and healthy. These hovers are both self-regulating and self-ventilating, as you claim, and ran like clock work. During the entire season they never smoked or bothered us a bit.  
W. W. FENNO.

College Park, Ga., May 3, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
I recently purchased nine Portable Hovers from your agent, H. G. Hastings & Co., Atlanta, Ga., and am more than pleased with them. I have

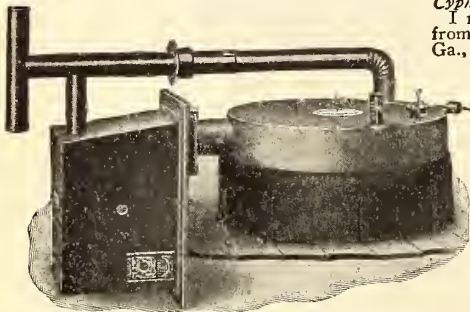
*backs up with facts* its every claim *with* men and women who



### Cyphers Portable Hover

Set it down Anywhere Indoors and you will have a Safe and Comfortable Place for the Little Chicks. "Movable" at a Moment's Notice without even turning down the Lamp Flame. No steps or Inclines that Chicks Must run up and down. Weighs 35 Pounds in use. Price, Complete, Safely Boxed, \$8.50 free on cars at all our Places of Business, except Oakland and London. Oakland F. O. B. price, \$9.50. Entirely Safe to order a sample from this advertisement.

used a number of the different makes of brooding hovers on the market, including the \_\_\_\_\_ and \_\_\_\_\_, but yours is far superior to any of these. They are self-regulating, automatic in ventilation, convenient to use and being all-metal and substantially made will last for many years. RESTHAVEN POULTRY FARM, F. O. Alexander, Prop.



### Cyphers Adaptable Hover

Fire-proof, Wind-proof, Insurable, Self-regulating and Automatic in Ventilation. Best Device in World's Markets for Use in Home-made Brooder Cases, Colony Coops, Roosting Coops and Portable Houses. All Metal and will last Many Years. Price, Complete, Safely Boxed for Shipment, \$8.50 free on board cars at all our Places of Business, except Oakland and London. Oakland F. O. B. price, \$9.50.

Vulcan, Mich., June 25, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
I am perfectly satisfied with your Self-regulating Adaptable Hovers. We set one up in a dry-goods box, and although the weather was very bad, we raised nearly all our chicks. Cannot say too much in favor of these hovers. Only wish I had had half a dozen of them so I could have raised a larger number of chicks. Your Adaptable Hovers save lots of worry—and there is no danger of fire or of chicks freezing to death if these hovers are used.  
CHAS. A. ALBERT.

East Derry, N. H., July 15, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
The two Adaptable Hovers purchased from you last winter have proved more than generally satisfactory—"wholly satisfactory" is the least I can say. Your Adaptable Hover warms the air without polluting it and is really a perfect "warmer" in cold, wintry weather. We have very severe winds here during the winter and early spring and sudden changes in temperature, but these self-regulating brooding devices seemed to care nothing for that. The above facts, gladly stated, simply confirm the claims you make for these brooding devices.  
R. W. SKIRROW.

Algonquin, Ill., June 28, 1913.  
Cyphers Incubator Co., Buffalo, N. Y.—  
I bought three Adaptable Brooding Hovers from you this spring and would not again try to raise chicks without them. They are easy to regulate and keep an even temperature, which chicks surely need. I had 160 chicks in a coop 14x16 feet and the outside temperature went down below zero in February, but they were as happy a lot of chicks, thanks to these Cyphers Adaptable Hovers, as if it had been 80 degrees in the shade. I raised over a thousand chicks this season and a very small per cent. died.  
CHAS. C. NASON.

Reader, if YOU, personally, have not already sent for a *free copy* of our 52-page (7¼ by 10 inches) booklet, "Best Methods of Brooding," be sure to do so *without delay*. It goes into the subject fully—*telling you in detail* what to do step by step and *day by day* in the proper care of chicks and ducklings. It is FREE, postage paid, and should be worth a great deal to you in your poultry work. Address nearest office of

**Cyphers Incubator Company, Dept. 722** **Factory and Home Offices, Buffalo, N. Y.**

BRANCH STORES AND WAREHOUSES } NEW YORK, N. Y. 41 Barclay St. BOSTON, MASS. 12-14 Canal St. CHICAGO, ILL. 317-319 Plymouth Court KANSAS CITY, MO. 2127 Broadway OAKLAND, CAL. 121-123 Finsbury Pavement LONDON, ENGLAND  
Local Agents Wanted. No Capital Required. Write to Nearest Branch House.



# "EARLY BROILERS AND EARLY FALL LAYERS"

## THE BIG, VITAL POINTS

FIRST, no special houses or coops *are needed* and chicks can be raised *in any living room*; SECOND, the chicks are under *full control* of the caretaker *every minute*; THIRD, they are *up off the floor*, away from cold, *dangerous drafts*; FOURTH, they cannot chill, cannot overheat, *cannot wander away* and get lost or be destroyed by rats, cats, etc.; FIFTH, by the use of this type of brooder more chicks, *four times over*, can be raised with *safety and success* in any given amount of room, than by *any other method* known to poultrymen; SIXTH, is the money-saving economy of time, labor and fuel—of *expense in every form*.

**HERE IS EVIDENCE:** Please read the following *recent sample reports* from "men who know"—from customers of ours who have bought PARADISE BROODERS and have used them, season after season, with *chick-saving, money-saving results*:

Valcour, N. Y., February 26, 1913.

Cyphers Incubator Co., Buffalo, N. Y.—

The two Paradise Brooders that we purchased last year proved entirely satisfactory and we found that they almost entirely reduced our losses of baby chicks. We raised about one thousand chicks successfully, keeping them in these brooders until they were six or seven weeks old. We operated our brooders in a living room 13 x 16 feet. The sanitary arrangements in the Paradise Brooders are excellent—in fact we do not see how they could be better. We especially like the arrangement for supplying fresh air to the chicks at all times, also the ease with which the chicks can be fed and the food troughs kept clean. We shall buy and use more of these brooders next season.

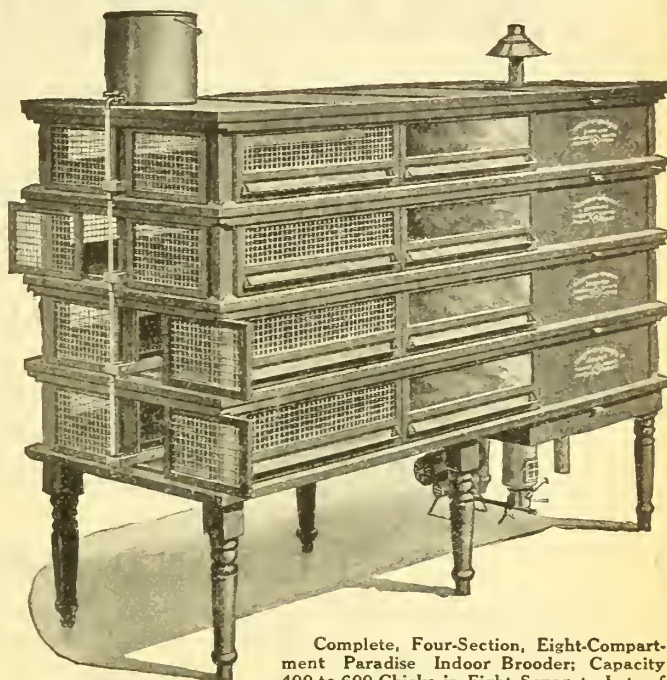
CLOVER CREST FARM,  
P. H. BILLINGS, Mgr.

Norwood, Mass., March 1, 1913.

Cyphers Incubator Co., Buffalo, N. Y.—

I am glad to add my testimony to the success of your Paradise Brooder. I used it last season and had extremely good results with it, running about 1,200 chicks through it. My first test was to put 422 chicks in it on March 16th. They were left there for eight weeks, at which time I took out 407, losing but fifteen in that time. My Paradise is in a shed 12 x 14 feet, which has single walls of matched boards and stands on posts. It is not an ideal location for the brooder, as the changes in temperature are apt to be extreme. In cold weather I have a small coal fire in this room. The Paradise, with its accessibility, modicum of attention and certainty of results, was a great relief to me. I have found it to be altogether the best brooding device I have ever used and in principle I don't think it ever will be excelled. It is giving me the same good results this season as last.

C. M. JEWETT



Complete, Four-Section, Eight-Compartment Paradise Indoor Brooder; Capacity 400 to 600 Chicks in Eight Separate Lots of 50 to 75 Each. Base Section (Two Compartments) Can be Bought and Used Separately. Later One or More Uppers Can be Added. Heated at all Times by one Blue-Flame Safety Oil Stove.

Petaluma, Cal., July 14, 1913

Cyphers Incubator Co., Buffalo, N. Y.—

In the spring of 1912 we purchased from your Oakland Branch House one four-section Paradise Brooder, and had such good results with it that last winter we installed three more, giving us a total capacity of 1,600 chicks at one time. We have used these brooders continuously from January until May, brooding about 6,500 chicks during that time, with a loss varying from two and one-half to six per cent., the larger loss being met with the late hatches. The Paradise Brooders are without doubt the very best on the market for taking care of young chicks up to a month old, and we can highly recommend them to any one wanting brooders. They are easy to take care of and the chicks are before you all the time, so that you can see what they are doing.

HAMILTON FARMS,  
By C. H. HAMILTON

**EACH YEAR**—every season, we receive reports like these, and we ask *every interested reader* of this advertisement to send for a FREE COPY of our latest 1914, large-size circular, which explains and illustrates "When, Where and How to Use Paradise Brooders to Best Advantage." It is free for the asking, sent by us postpaid, and will tell you *how to raise early broilers*, with the minimum expense and loss, also how to manage the EARLY CHICKS that are to make next fall's *earliest layers*, the kind of pullets that must be relied on to produce October, November and December new-laid eggs that now retail each season at *four, five and six cents per egg*.

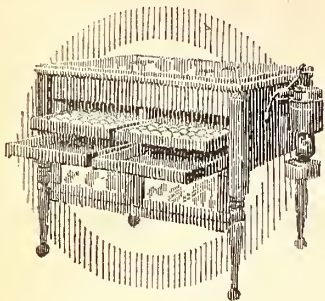
LOOK INTO THESE PROFITS, READER—doing so at our expense, BECAUSE this special Paradise Brooder, early-broiler, fall-layer circular is FREE. All you need to do is to ask for it. Address our place of business nearest you.

**Cyphers Incubator Company, Dept. 706** **Factory and Home Offices, Buffalo, N. Y.**

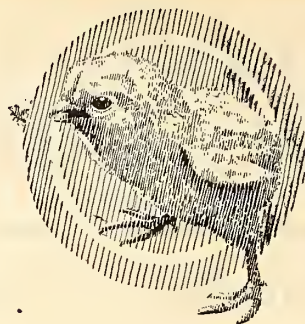
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Local Agents Wanted. No Capital Required. Write to Nearest Branch House.





*Your Grandfather Read It  
Your Father Read It  
Are YOU Reading It?*



## The Diary of A COMMERCIAL HEN

First the breeders, then the egg, then the chicken growing into a hen and laying eggs for market—this is the story of the commercial poultryman's flock. Like a moving picture it will be unfolded to you week by week in this series of articles—always the same flock, till you will almost get to know the birds by name. All the difficulties of breeding, hatching, brooding, rearing and feeding for eggs will be told in words and pictures, and also how these troubles were met. It saves you a weekly visit to the farm of a big, successful egg farmer. The first article will be published in January in *The Country Gentleman*.

### THE BIGGEST PROFIT PAYER IN THE COUNTRY

**IS THE LITTLE FARM HEN.** She turns out a cash crop worth \$350,000,000 at the lowest cost. She pays the grocery bill and keeps ready money in the family purse. Better breeding, feed and care will double the poultry income of the average farm. The utility farm fowl is no longer merely an ideal; every farmer may grow it if he will follow the system of Doubling Farm Poultry Profits, which is the subject of a series of articles in *The Country Gentleman*.

### THE MAN BEHIND THE FARM

If you had the money and time wouldn't it help your farm if you traveled about the country, looking at the best farms of their kind in the United States? We propose not only to bring the best farms to you, but to bring to you the MEN behind the best farms and let them tell you the secrets of their successes. *The Best Farms I Know* is a series of articles written by men who do know. This one series is worth more than the \$1.50 (less than three cents a week) you pay for *The Country Gentleman*.

### "LOOK BEYOND THE END OF YOUR NOSE"

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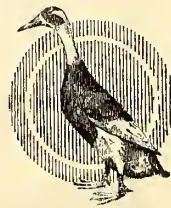
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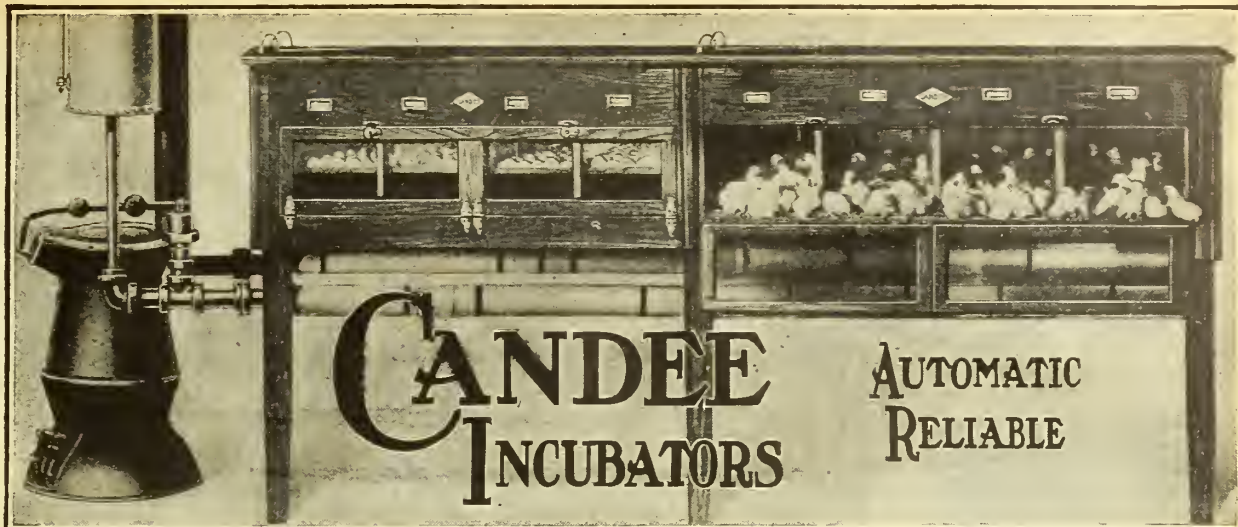
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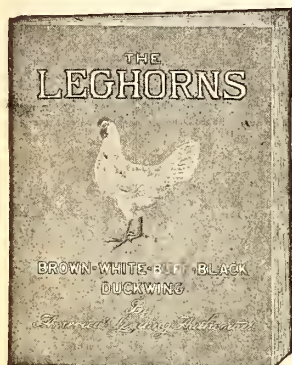
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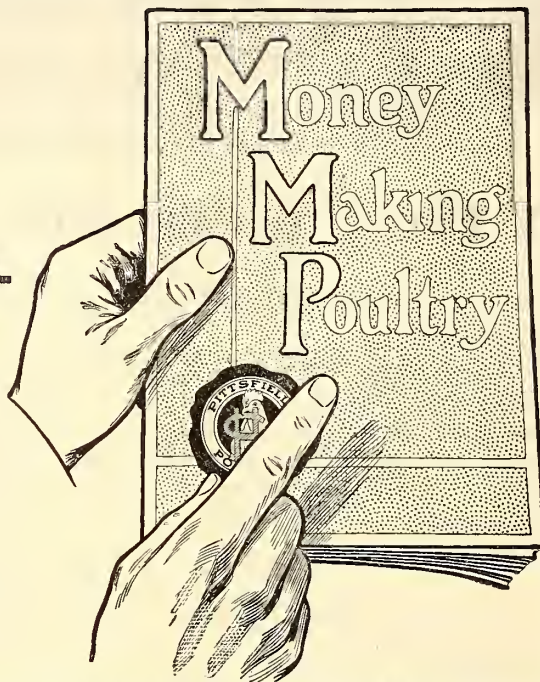
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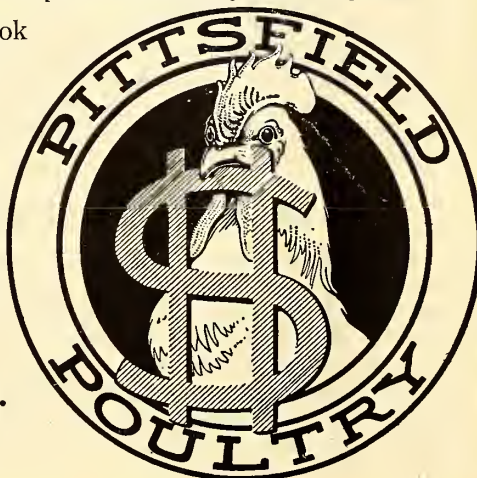
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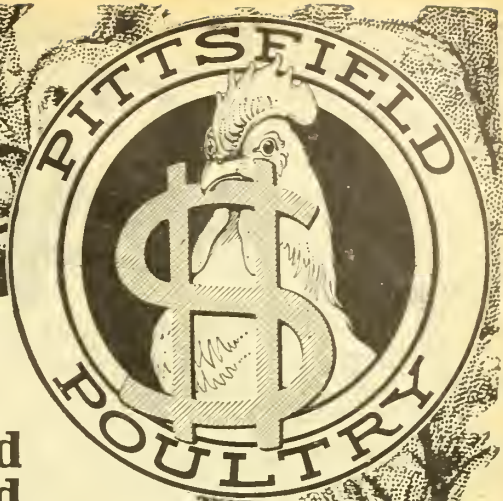
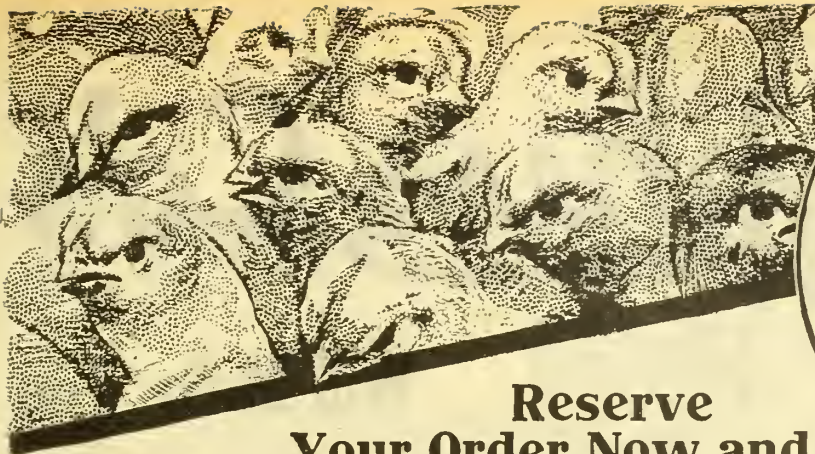
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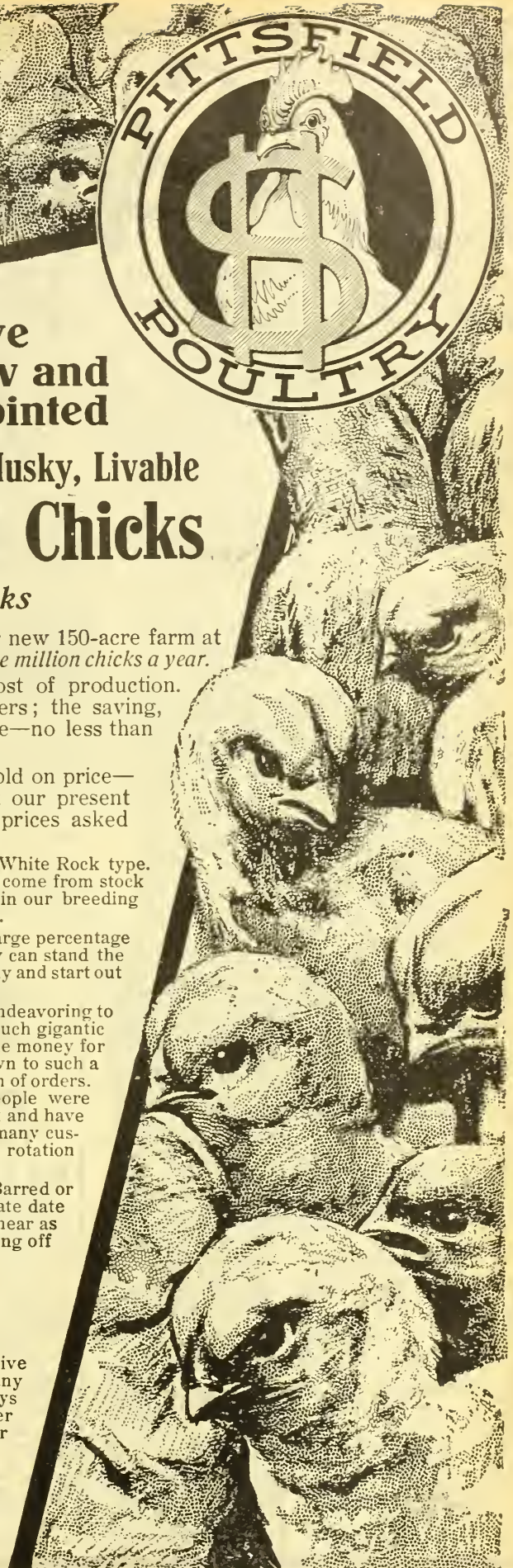
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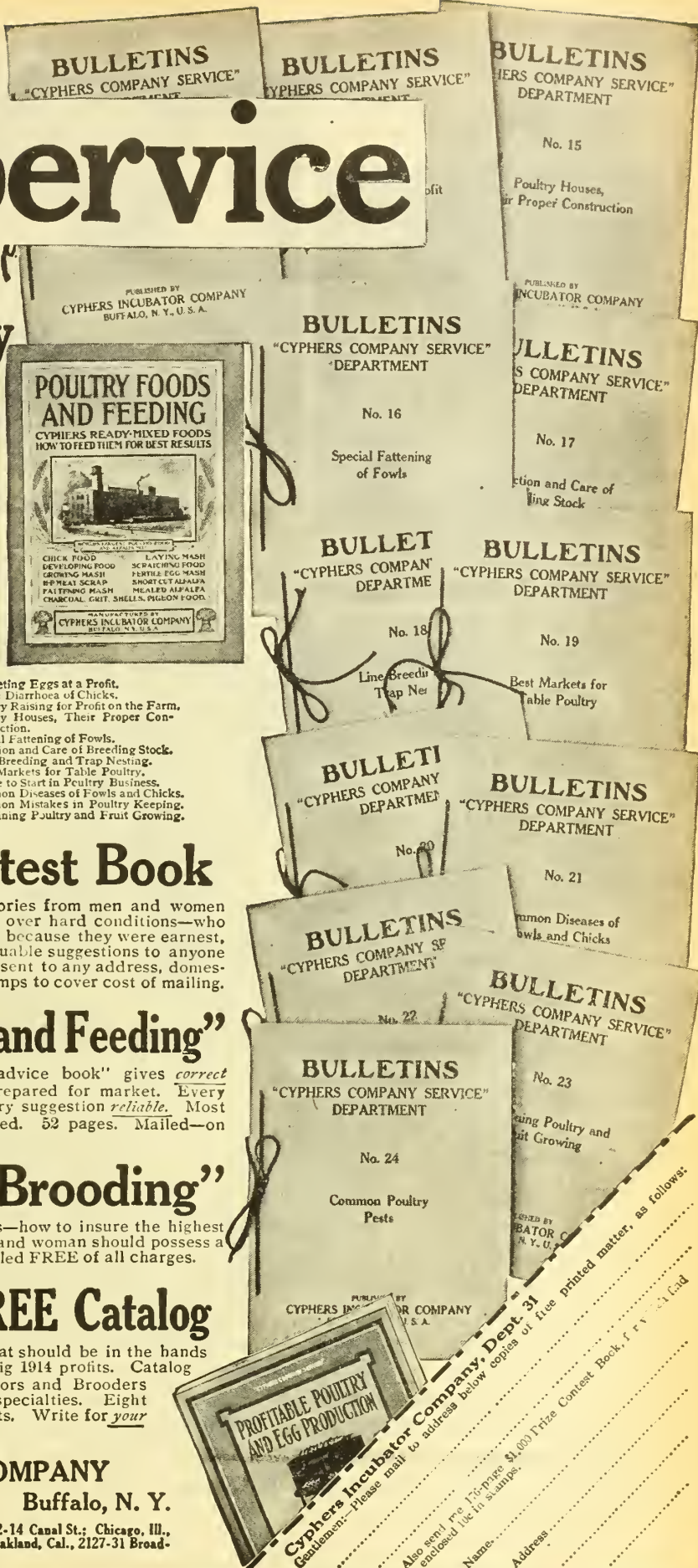
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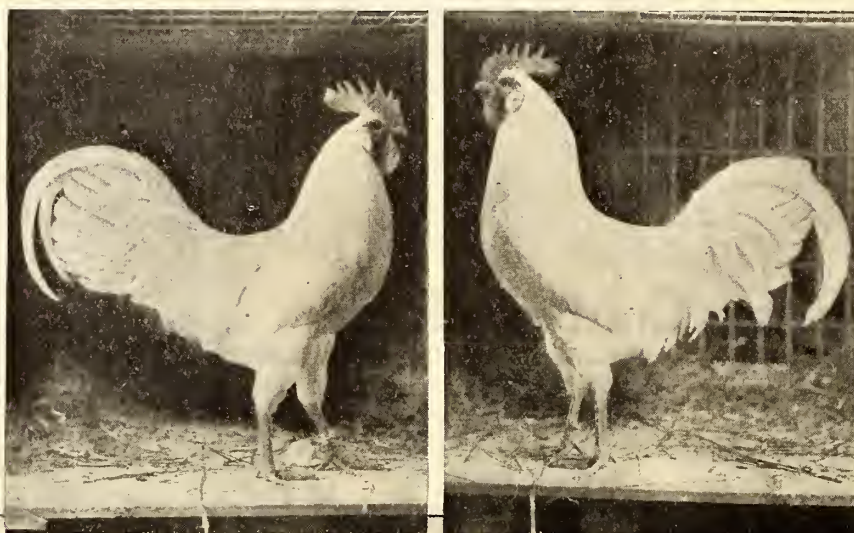
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S.C. WHITE LEGHORN MALES FROM EXHIBIT WHICH WON BEST DISPLAY AT GREATER BUFFALO SHOW NOV. 1913. BRED AND OWNED BY MOORE BROS. MOSCOW N.Y.

*A. G. Phillips*  
 1913

That thought and study are productive has been proven by the splendid results of Moore Bros., Moscow, N. Y., specialty breeders of S. C. White Leghorns. James O. Moore, senior member of the firm, has devoted years of study to the improvement of the strain they are now breeding. Their start was made with the Knapp Strain that as far back as the middle 90's was especially noted for its purity of color. Since that day however, the grace and beauty of the White Leghorn has been wonderfully improved. They have been refined as it were, necks and backs are now gracefully curved, the longer tails are carried lower and abundantly furnished with beautiful coverts and sickle feathers. There is a profusion of saddle plumage. breasts are really well rounded and prominent and head points are smaller and more symmetrical. Splendid examples of the present day fashionable type of S. C. White Leghorns are shown in the above illustration of winners at the Greater Buffalo Show, Thanksgiving week, 1913. Moore Bros. full list of winnings at this show were: Cock 1-2, Hen 2-3-4, Cockerel 1-4, Pullet 2-5, Pen 1-2.—Wm. C. Denny.



## THE EXHIBITION S. C. WHITE LEGHORN

MISTAKES OF THE BEGINNER CAUSED FROM LACK OF KNOWLEDGE OF THE BREED. TYPE IS THE PRIMARY AND FUNDAMENTAL REQUIREMENT, WITHOUT IT A BREED LOSES ITS IDENTITY. TYPE SHOULD BE FIRST FIXED IN MIND, AFTER WHICH OTHER ESSENTIALS MAY BE STUDIED. SIX RULES THAT SHOULD BE ADHERED TO IN SELECTING BREEDERS. EARLY EXPERIENCES OF THE WRITER AND HIS MISTAKES

BY JAS. O. MOORE.  
Of Moore Bros., Moscow, N. Y.



IVE serrations on the comb, white feathers and long legs do not constitute an exhibition White Leghorn. Curious enough however, these characteristics are the beginner's first conception of the breed. Several years ago in making my first purchase of a bird from a noted breeder, I devoted my letter almost entirely to a description of the comb, laying special emphasis upon the five serrations, no mention was made of type, station, furnishings or vigor. I received a good bird for the money paid. He had the desired five pointed comb and a well defined thumb mark of which nothing had been said by me. This thumb mark caused me no discomfiture as I did not know it was a serious defect. Why should I care anyway? The bird had five points to his comb, what more could I ask?

### THE IMPORTANCE OF TYPES

A considerable portion of our correspondence elicits demands very similar to my own early inquiry, and from my talk with other breeders I am convinced that it is a very general experience. Much harm results to the fancy and to the business generally from this unfortunate fact for which neither the beginner or breeder is entirely at fault. The difficulty lies in the impossibility on the part of the breeder to convince the beginner by correspondence that type and not a five pointed comb is the fundamental requirement of a Leghorn.

The purchaser usually gets what his bargain calls for viz, a five serration comb and white feathers, and that is about all. When the get of this fancy bird

are shown at the county fair, the awards are disappointing. Another would be breeder will probably quit the game. If he has courage and persists, his money, labor and a whole year have been lost; all from a five point comb.

Every man, woman and child who has an incipient case of White Leghorn fancy must be nurtured and wed to the breed for there is no greater material joy than to be crazy about the little Italians. It is my earnest desire to save some of such from the shoals of persisting in the beginning upon some requirement collateral in the main to a good standard bird.

### TYPE FIRST CONSIDERATION IN ALL BREEDS

Type is the primary and fundamental requirement of a Leghorn, as it is in all breeds of fowls or animals. Learn type, then get it, improve it, insist on it and keep it. The judge or expert, it is true, may be a crank on collateral matters. Do not regard him at all; disdain him. If your birds have type with good station, color, furnishings and head points, you have a better bird than the one without type although it may excel yours in station, color, furnishings and head points.

Having fixed in your mind and imagination the fundamental, viz, type, the study may be directed to the collateral requirements such as white color with all of its degrees of whiteness, both natural and chemical, smooth evenly serrated comb and other head points, abundant feathering, furnishings, spread of tail and station. All of this is a fascinating pastime and will furnish an absorbing occupation for the remainder of your earthly existence.

### LEARNING REQUIREMENTS

But it may be asked, must



John S. Martin, Port Dover, Ont., Can., has won an enviable reputation as a breeder of some of the choicest White Wyandottes in existence today. His strain possess an individuality truly Wyandotte in conformation. They are neither too coarse nor too fine in the various sections, but possess the refined qualities which have set the fashion in recent years. The cockerel in the above picture is a good example of a high class specimen, despite the fact that the picture was taken during the fall season when most specimens lack full maturity.—A. O. Schilling.



I wait until I learn and know these requirements before I commence breeding? And again, How shall I learn to know a good Leghorn? To the first question the answer unqualifiedly is that you must unless you are willing to rely

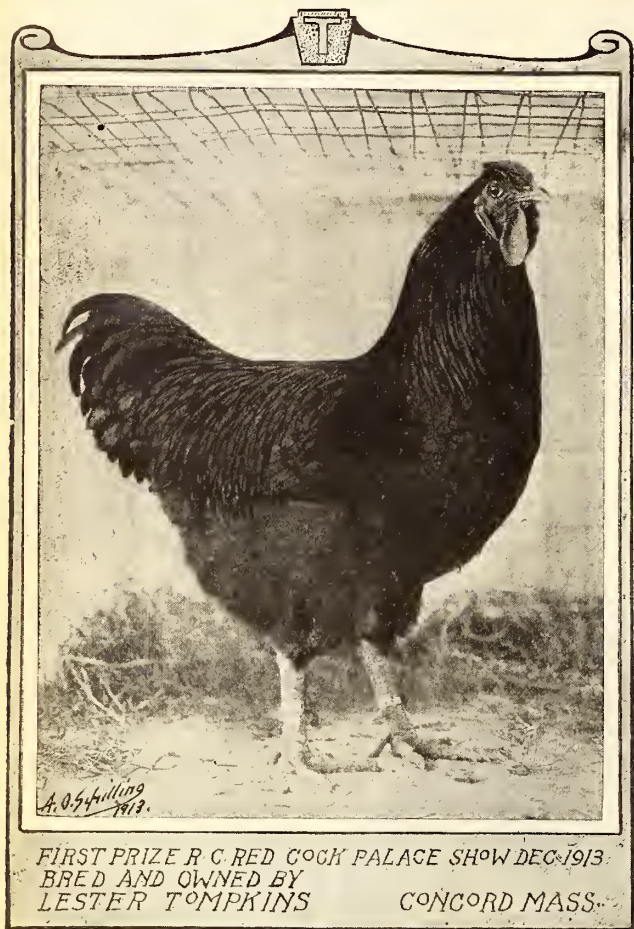
and inquire about color and where to look for it; compare the color of different birds and note their comparative carriage, style, alertness, heads, shape, legs and furnishings. These and many other inquiries suggested by the gracious exhibitor will direct you well in the right direction of knowing a Leghorn.

Attend thereafter as many shows as you can, see and study good birds as often as opportunity is afforded and you will soon become expert enough to know a good bird and to describe and purchase what you want instead of what you think you want.

This is one of the purposes of Poultry Exhibitions. Better spend that \$10 which you intended for that five pointed comb cockerel and visit some good exhibition and learn first what a Leghorn is. When finally you are mentally equipped, you may feel your way into the ranks of the breeder. Make your purchases of stock and eggs from a man in whom you have faith; one whose stock is what he represents it to be. Get his practices and theories of mating and breeding. Outline a policy to follow and stick to it until experience dictates some change or variation from it.

In selecting breeders I adhere to the following rules, which I commend to every beginner for his serious consideration:

(Continued on page 214)

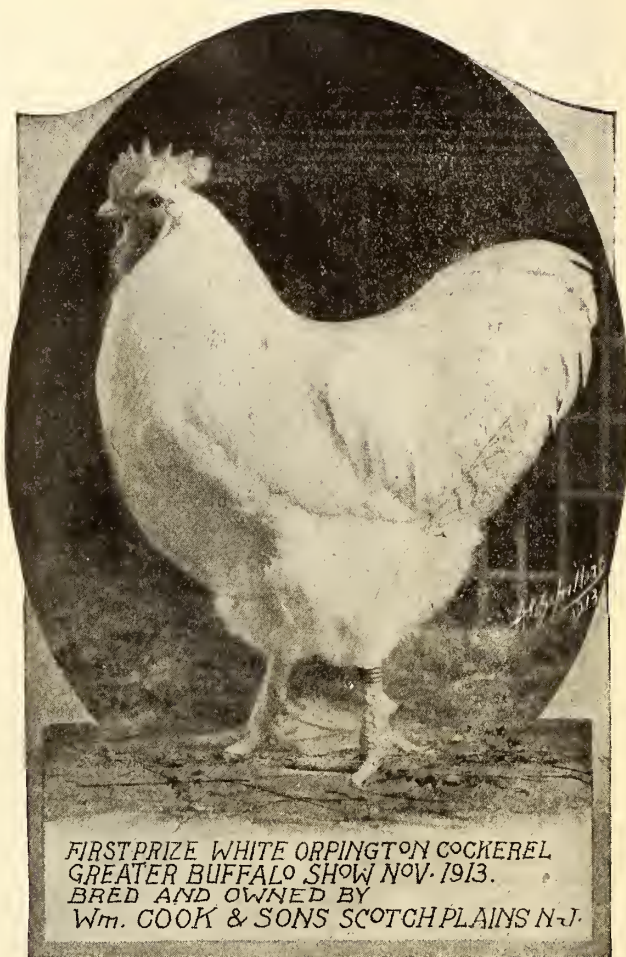


Whenever the term "Tompkins Strain" is used in speaking of high class poultry, one naturally thinks of Rhode Island Reds of the highest quality. Lester Tompkins, Concord, Mass., is one of the veteran breeders of Rose and Single Comb Rhode Island Reds and his records at the best shows in the land have made the name famous. He continues to win year after year in the strongest classes and these blood lines can be found in many of the best flocks throughout the world. At the recent Palace Show he again won first cock in the Rose Comb class with the specimen above illustrated. He was almost faultless in shape and possessed a wonderful rich even surface color. His under color was good and in wing marking exceptionally strong, which stamps him as a very valuable specimen for the breeding pen.—A. O. Schilling.

entirely on the breeder's judgment and buy birds mated by him for results or can secure the advice and assistance of some experienced fancier in making purchases and in mating your birds. Unless you know a Leghorn and know that you know what you want, you are unqualified to describe a bird to a breeder with the purpose of making a purchase and are doomed to disappointment, if you do, either this year or next. Do sane and successful men undertake other kinds of business in so haphazard methods?

#### LEARN TO KNOW A GOOD LEGHORN

How shall I learn to know a good Leghorn? First there is the Standard of Perfection with its beautiful illustrations describing and showing the standard White Leghorn. Learn the requirement and study the illustrations; fix in your mind the type, head, station, tail, and furnishings. You are then prepared to take up practice work so to speak. This may be best had by visiting some strong show, where the White Leghorn alley is hot, as it always is. Spend much time in front of the winners; compare them with the others; get their owners or some other exhibitor to show you the class, he will gladly acquiesce; inquire the difference between the birds, why one wins over another; obtain the privilege of handling some of the good ones



White Orpingtons have had their boom and we are pleased to see the variety retaining its position among the more popular breeds of poultry in America. The Greater Buffalo Show had a good class of representative specimens which may well be expected when such veteran breeders are to be found among the exhibitors as Wm. Cook & Sons, Scotch Plains, N. J., originators of this world renowned breed of poultry. Among the choicest specimens shown was the cockerel in the above picture. He was large and massive, very white in plumage and typical in shape. Mr. P. A. Cook, proprietor, has produced many grand specimens which have won at the best exhibitions where ever poultry shows are known. He has supplied breeders in all parts of the world with high class Orpingtons for many years and judging from the quality of stock shown, their customers will continue to share in the numerous laurels to be won in the Orpington classes at future shows.—A. O. Schilling.



# TRAP-NEST A VITAL FACTOR IN PROGRESSIVE POULTRY CULTURE

IF CAREFULLY OPERATED FURNISHES A RECORD OF EFFICIENCY AND PROFIT-MAKING POSSIBILITIES OF EACH MEMBER OF THE FLOCK. THE RELATION OF THE TRAP-NEST TO EGG PRODUCTION. WHAT WE LEARNED FROM EXPERIMENTS COVERING A PERIOD OF TEN YEARS AT THE MAINE STATION. CONSTITUTIONAL VIGOR FIRST AND MOST ESSENTIAL FACTOR IN BREEDING FOR HIGH PRODUCTION. FIVE RULES TO BE OBSERVED IN BREEDING FOR GREATER PRODUCTION

BY CHAS. L. OPPERMAN

Formerly With The United States Department of Agriculture



HIS is a story about the detective of the hen-ery—the trap nest—that little mechanical appliance that is always at work and ever on the alert to furnish the poultryman and breeder with exact knowledge concerning the life history, efficiency and profit making possibilities of every individual in the flock. In the opinion of the writer there has never been developed or perfected, since the time that

poultry keeping as a business was accorded serious consideration by the men and women of this country, any appliance that has meant more to the poultry fraternity of the nation than the trap nest. Since its inception it has proven its worth again and again and some of the stories that it has unfolded have pointed out the way for tremendous improvement in the various phases of our present day billion dollar industry. It is the purpose of this article to discuss some of these stories and attempt their application to practical conditions.

## NAME SUGGESTIVE OF EGG PRODUCTION

The name "trap-nest" at once suggests to the average person, egg production for it has been in this single field of endeavor that the trap-nest has had its greatest use, and it is therefore only natural that the one should suggest the other. There are, however, several other phases of the poultry business in which the field of knowledge has been greatly broadened through the application of this appliance in conjunction with such studies and investigation as have been conducted in connection with them, but since the former is by far the most important let us first consider the relation of the trap-nest to increase egg production and then later on take up the other fields in which it has played an important part during the last decade.

## TEN YEARS OF TRAP-NESTING

The late Prof. Gowell of the Maine Agricultural Experiment Station was one of the early investigators who believed that he saw great possibilities in increasing the egg production through the use of the trap-nest. As far back as 1898, the Maine Station began a series of experiments with the view of increasing the egg production of Barred Plymouth Rocks. For several years the work appeared to be progressing favorably and apparently bid fair to bring about the desired results. In 1908, however, a bulletin was issued

which came out with the startling statement that mass selection for high egg production on the basis of the trap-nest records of the individual alone, did not result in a steady, continuous improvement in average flock production, even though it was continued for a period of ten years.

## RESULTS NOT DISCOURAGING

This statement was anything but encouraging to the army of men and women who were trying to see light on this most important question. The average person would naturally reason that if an experiment station, with well bred fowls and every modern convenience at its command, could not succeed in increasing the productive capacity of its fowls, what chance had they with only moderate means and equipment to work with. The actual conditions in these cases, however, are quite different and a brief comparison of them will show that the results were not so discouraging as they at first appeared.

## THE PLAN OUTLINED

The general plan of the work cited above was to use as mothers, only those hens that produced between November first of the year they were hatched and November first of the following year, 150 or more eggs. Beginning with the second year, all male birds used in the breeding work were the sons of mothers whose production in their first year totaled 200 or more eggs. Since the normal annual production of these birds may be taken to have been approximately 125 eggs, it will be seen that the selection practiced was fairly stringent. It was only a more or less natural outcome, therefore, to discover that not only was there no improvement in average flock production, but that there was actually a slight decline during the ten years of mass selection.

## AVERAGE PRODUCTION

Taking as a comparison the average production of the farm hen, we find that her total for the year varies between 70 and 80 eggs, or in other words, it is practically fifty per cent. lower than the standard maintained in the Maine Station work. This fact alone makes the apparent failure of this work of the utmost economic importance to the practical poultryman, since the results show absolutely that the average yield of the farm hen can be greatly increased. The fact that the investigators at this station raised and maintained flocks of fowls capable of producing yearly an average of 125 eggs per

(Continued on page 202)



S. C. Rhode Island Reds at the Palace Show contained 155 specimens in the different classes, and among them some of the choicest ever shown. The cock shown above headed the list with first prize in his class and stood well out as a bird of exceptional quality. He is large and massive, of exceptionally good type and body. His color is of wonderful brilliancy and evenness from head to tail. E. M. Dutton, Newfane, N. Y., owner and exhibitor of this fine specimen, values him almost priceless as a breeder, having produced many winners from him during the past two seasons. He will head a very choice pen of females for the coming season, and judging from his past records his progeny are expected to be above the average in exhibition qualities.—A. O. Schilling.



# THE VALUE OF FALL HATCHED CHICKENS

SEVERAL REASONS WHY IT IS DESIRABLE TO HATCH IN FALL AS WELL AS SPRING. LATE BIRDS READY FOR MARKET AT TIME WHEN PRICES ARE HIGH. AN EXPERIMENT THAT PROVES THE HATCHING VALUE OF AUGUST EGGS. COUNTING CHICKENS BEFORE HATCHED. COMMON BELIEF THAT LATE HATCHED CHICKS DO NOT DEVELOP INTO VIGOROUS AND PROFITABLE BIRDS

BY O. W. MAPES, MIDDLETOWN, N. Y.



NE of the popular beliefs in connection with poultry husbandry is in relation to chicks hatched in late summer or fall. For some reason the belief is quite common that such chickens do not develop into birds of full size, vigor or profitableness. That the average fall hatched or mid-summer hatched chick does not is probably quite true. Is this so because of the season in which it is ushered into being, or for some other reason?

## FALL HATCHED CHICKS DESIRABLE

There are several reasons why it is desirable to hatch in fall as well as spring. One of these relates to the costly outfit required for artificial hatching and brooding. A good incubator cellar or room, costly incubators and brooders with buildings for the brooders or brooding systems form a considerable part of the necessary outlay for a modern poultry farm. These must lie idle for about half of the year on most of the poultry farms devoted to egg production and the case is nearly as bad on farms devoted mainly to broiler raising. Interest on this costly outfit is a big item to be reckoned with on any poultry plant and it is usual to compute it at 6 per cent. If instead of making use of this outlay of capital in spring only, we can again use it profitably in late summer and fall, we at once in effect get the use of capital invested at 3 per cent. What business man will not give such a proposition careful consideration at least.

## SPRING HATCHING

In order to get spring hatched pullets old enough to lay eggs large enough to command top quotations in November and December, they should be hatched in March. This necessitates securing eggs for hatching in February. At that time they are generally higher in price and less fertile than August eggs. Here is a distinct advantage in favor of the fall hatched birds.

Surplus cockerels must be disposed of and how best to do this at a profit is one of the problems always staring us in the face. At certain seasons they sell well as broilers and even as squab broilers. In the New York market however, most of the trade for such birds demands that they be dressed before being shipped, and dry picked at that. This calls for extra help on the farm and very skilled help at that. I have failed as yet to find any

large dealers who make a business of buying live broilers in or near the city and dressing them so as to cater to this trade.

## THE DEMAND FOR LIVE POULTRY

New York now calls for an enormous amount of live poultry, but most of the demand is from the class that wants to get much for its money instead of getting all the delicacies of the season regardless of the price. The great bulk of live poultry reaching the market at the time spring hatched birds first reach full size, must be sold at a price which will attract buyers from the class referred to above. I recently had the privilege of visiting the main live poultry market in New York City and saw hundreds of tons of live poultry selling at twelve cents a pound. There had been a sudden slump in prices. Some one was evidently losing money. Producers were undoubtedly the scapegoat as usual. Such slumps are liable to occur occasionally but not at the season when birds hatched in September mature. You can make a safe bet

that by February or March live poultry prices will be at the top notch, 18 to 20 cents a pound is as sure to rule then as is 10 to 12 cents in October and November. Here is another distinct advantage for fall hatching over spring hatching for those who do not like to dry pick chickens for the fancy trade.

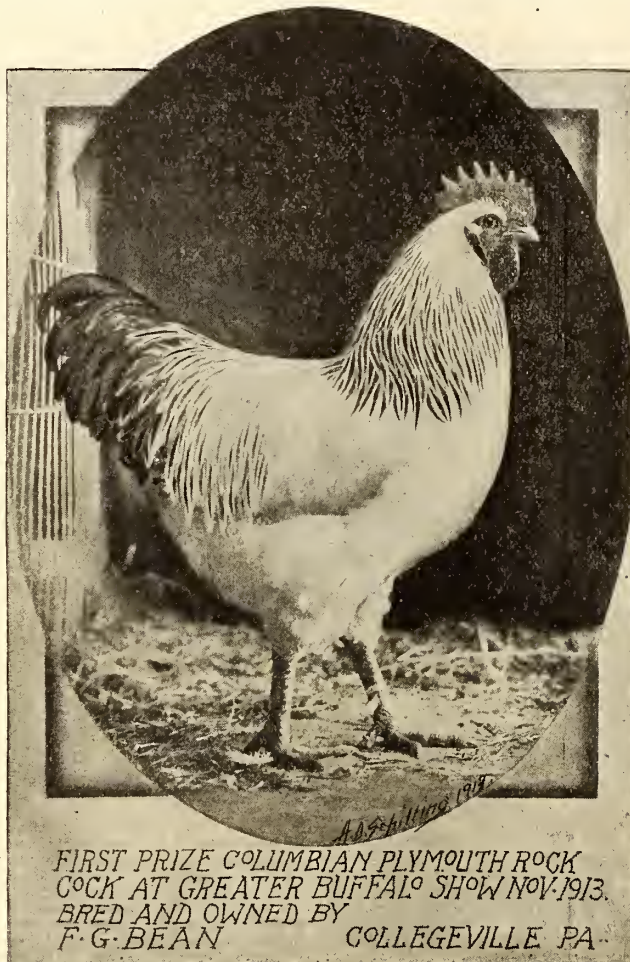
## AN EXPERIMENT

In the fall of 1911, I stumbled by chance upon the possibilities of September hatching. Just previous to that I had arranged with Prof. Rice to try an experiment the following spring. I was to fill one of the big hovers in one of my Orange County Poultry Houses with day old chicks and feed and care for them in all particulars according to directions to be furnished by the Poultry Department at Cornell. I suggested to him that we could get a year ahead of the game by trying the experiment upon a somewhat smaller scale at once. He consented and turned the matter over to his first assistant, Prof. Rogers.

## THE RESULTS

I set two crates of August eggs and on September 5th took out 463 chickens, placing them in a house from which a flock of old hens had just been sold. Prof. Rogers sent me written instructions for their feed and care from week to week. They thrived wonderfully right from the start, al-

(Continued on page 181)



FIRST PRIZE COLUMBIAN PLYMOUTH ROCK  
COCK AT GREATER BUFFALO SHOW NOV. 1913.  
BRED AND OWNED BY  
F. G. BEAN COLLEGEVILLE PA.

Since the introduction of the Columbian Plymouth Rock a few years ago, rapid advancement has been made in perfecting the breed in this country. Today we find they possess true Plymouth Rock bodies with excellent striping in hackle and saddle. F. G. Bean, Collegeville, Pa., stands in the front rank as a producer of the finest specimens of this worthy breed. His record at Buffalo and the Palace, New York. Shows speaks for itself, and a study of the above picture is good evidence to what excellent type and color he is breeding his birds. The male portrayed above is a wonder for purity of top color and has also very good wing, neck and saddle striping. We consider him the best cock we have seen this season and he will no doubt help very much in improving Mr. Bean's flock to even a greater degree the coming season.—A. O. Schilling.





# The PALACE SHOW

## NEW YORK CITY

### DECEMBER 2-6, 1913.

*A. O. Schilling*  
1913. "The Lucky Seventh"

SIX HUNDRED NINETEEN EXHIBITORS SHOWING FOUR THOUSAND FORTY-THREE SPECIMENS MADE THE "LUCKY SEVENTH" EXHIBITION OF THE EMPIRE POULTRY ASSOCIATION THE MOST SUCCESSFUL OF ITS CAREER. WELL ATTENDED AND NUMEROUS SALES AT LONG PRICES REPORTED. THE SHOW ONE OF QUALITY IN ALL OF ITS DEPARTMENTS

BY WM. C. DENNY



HE Lucky Seventh." No other words that might have been selected could have proved a better omen for the annual poultry exhibition given by the Empire Poultry Association in New York City, December 2-6, inclusive. It was a bigger, better and far more successful show from every standpoint, than any of the preceeding poultry displays that have been held under the auspices of the associa-

tion that was organized March 14, 1906, by the poultrymen of Long Island. For three years their exhibitions were held at Richmond Hill, each one larger and more important than its predecessor. In 1910 the association having outgrown available conveniences and opportunities, it was decided to hold future exhibitions in New York City, not to be a competitor to any other organization, but because it was believed the greatest city on the American Continent could and would support two successful shows. If any one doubts the decision on this point he has but to glance at the catalogue of the Seventh Annual Show that was held December 2-6, in the Grand Central Palace.

According to the catalogue 619 exhibitors made entries at the 1913 show as against 423 at the 1912 show, an increase of 196. The following figures will indicate the increase in the number of specimens entered for competition:

Single classes, 1912, 1688; 1913, 2477.

Birds in pens (159) 1912, 795; (230) 1913, 1150.

Pigeons, 1912, 769; 1913, 602.

Pet Stock, 1912, 138; 1913, 214.

Total number of specimens 1912, 3390; 1913, 4443.

In addition to these numerous exhibition cages

containing display pens of the different varieties of poultry and beautiful exhibits of rare wild, land and water fowl were attractively displayed throughout the hall. There were a sufficient number of specimens in these cages to bring the number of birds on exhibition to well over the five thousand mark.

If any one man more than another is entitled to credit for the remarkable display it is L. D. Howell, the efficient and untiring Secretary of the Palace Show, who has worked with an enthusiasm that was contagious and unresisting by the poultrymen of the country. Mr. Howell was ably assisted by the numerous officers of the association including President, Robt. Seaman; Vice-President, C. E. Arnold; A. H. Myers, Auditor; C. A. Brown, Assistant Treasurer; Superintendent, Wm. H. Hearsfield, F. H. Wells, E. B. Sprague, I. W. Mole and many others. The "pull together" spirit that prevailed between these men enabled them to bring together one of the largest and best poultry shows ever held in America.

The exhibition was originally named the Grand Central Palace Show after the building in which the exhibitions have been held. However the name proved too long and the term Grand Central was gradually dropped so that it is now known as the Palace Show. The Grand Central Palace is a building that was erected by New York Central Railroad interests for the purpose of holding public exhibitions. Though the builders did not erect it for the particular purpose of holding poultry shows, the officers of the Palace Show have utilized every advantage, and have succeeded in arranging a splendid show.

The building is located on Lexington Ave., and

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The Greater Buffalo Show attracted one of the best gatherings of White Wyandottes ever brought together in this section, the winners showing the proper qualities throughout, especially in the pullet class. The pullet shown above was excellent in type and color, having a very strong rich leg color along with immaculate white plumage of purest color and is a good example of the quality required to win. Marshall & Marshall, Niagara Falls, Canada, exhibited some extra good ones and were well in the winnings.—A. O. Schilling.



# BREEDING FOR WINTER EGG PRODUCTION

POSSIBILITIES OF IMPROVING EGG PRODUCTION BY PROPER METHODS OF BREEDING. FUNDAMENTAL PRINCIPLES IN BREEDING FOR WINTER EGG PRODUCTION. CONSTITUTIONAL VIGOR THE FIRST CONSIDERATION AND FOUNDATION UPON WHICH WE SHOULD BUILD. TRAP NEST NECESSARY AND IS THE ONLY RELIABLE METHOD OF SELECTING THE BEST PRODUCERS. PERSISTENCY NECESSARY TO GET PERMANENT RESULTS. HEAVY EGG PRODUCTION CONDUCTIVE TO LOSS OF VIGOR

BY ALEXIS L. CLARK



On other subject has aroused such universal interest among poultry raisers as the possibilities in improving the egg production of hens by proper breeding methods. Breeding has always been a fascinating study for husbandmen and in poultry the results can be observed so quickly, the characteristics are so easily moulded from year to year by an experienced breeder and such wonderful changes secured in a few years that poultrymen have advanced more in knowledge and the industry progressed in this line greater than in any other branch.

## EGG PRODUCTION MOST IMPORTANT

All theory and experience point to the probability of results from persistent efforts rightly directed. Surely if there be merits in this question it deserves the interest of every poultry raiser in the land. Egg production is by far the most important branch of the business that is annually increasing the wealth of the nation by hundreds of millions of dollars. If it be within the power of man to so guide the unseen and largely non-understood laws of Nature to the end of securing more efficiency from our hens in laying, then it becomes not only a duty but a necessary part of every poultry keepers work to investigate and try out with his or her own fowls some of the more reasonable theories.

## A PERTINENT QUESTION

Much interest has been manifested in this work during the past few years, many statements of results have been made and some apparently tremendous improvements secured. A question very pertinent just now and one which is often heard is regarding the facts of the situation

as they now stand. What has been accomplished in breeding for increased egg production? Are there certain strains of families of poultry that by reason of years of systematic breeding properly directed are capable of producing a large proportion of two hundred egg hens? After observing the results of egg laying competitions, the results obtained by many people with some of the frequently advertised "200 egg strains" and several years of breeding from trap-nested stock, I have concluded that at the present time there has been very little accomplished.

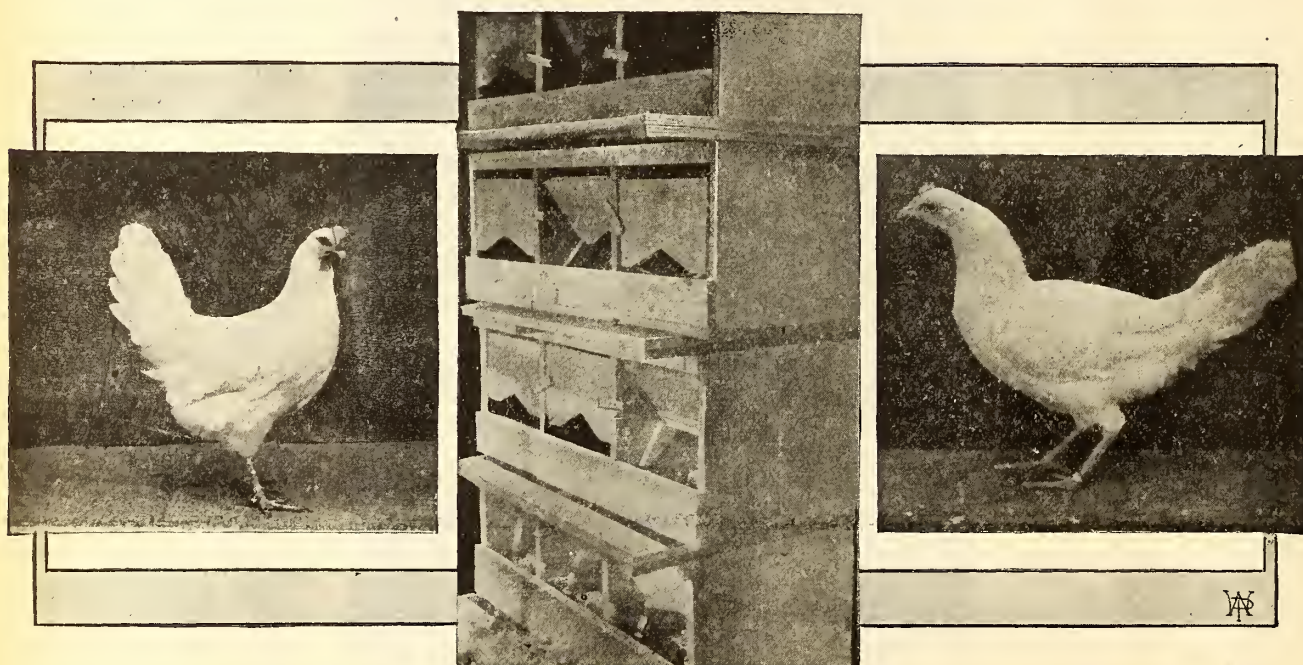
## FUNDAMENTAL PRINCIPLES

To secure real results, to actually increase the producing capacity of a flock, it is of the greatest importance that a pretty clear understanding of the principles of breeding be understood, and that the work be started upon a sound base. There can be no better foundation for all breeding efforts than constitutional vigor. It would seem that for egg production especially this characteristic is vitally important.

## PROPER CONDITIONS AND CORRECT FEEDING NECESSARY

All normal pullets have within their bodies at a very early age thousands of tiny ovules. These ovules only need the right condition and the proper supply of materials for growth to develop into completed eggs. This is the system draining task that requires the inherited and reserved vitality to make possible its continuation. Of all the pieces of mechanism either natural or artificial, the little hen furnishes the most remarkable illustration. Think of a three pound hen producing in one year two hundred and fifty eggs weighing ten times her

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In the center of the above illustration is shown a battery of trap nests known as the Connecticut model. It consists of a nest box with a door hinged at the front to swing in. To set the nest, the door is pushed in at an angle of about forty-five degrees and is held in this position by a trigger or button attached to the side of the nest. With the door in this position the hen enters the nest and in passing under the door it is slightly raised, allowing the trigger to drop and the door to close after the hen has passed on. At the left is shown the Single Comb White Leghorn hen "Jersey Belle", with an official record of 246 eggs her first year and 225 during her second. Prof. Clark recommends the selection of hens of this type for breeders, and also cautions poultry keepers to dispose of birds showing the characteristics of the pullet at the right. He says, "A type of pullet to dispose of. She will never make a profitable hen. In the Spring she may lay fairly well and so manage to reproduce more of her kind the following year".



# HOBBIES OF POULTRY JUDGES

FADS AND FANCIES OF OLD TIME JUDGES WHICH ARE SHARED BY MANY POULTRY FANCIERS, BUT RARELY AFFECT JUDGING OF SPECIMENS IN THE SHOW ROOM. OTHER HOBBIES SUCH AS STUB AND DOWN HUNTING ARE DANGEROUS WHEN CARRIED TOO FAR. HOBBIES OF SCORE CARD JUDGES. THE AMERICAN STANDARD OF PERFECTION RESPONSIBLE FOR THE EXISTENCE OF MANY SUCH HOBBIES

BY J. H. DREVENSTEDT



have been asked to write an article on the hobbies of our poultry judges, and to be perfectly candid, the subject is a most perplexing one. Every man has his hobbies, but not every man likes to have them published in print.

However, what I may write and state regarding our American adjudicators of poultry at the shows, I hope will be received in the spirit in which it is written, viz: with malice toward none, and good fellowship for all. After thirty years' experience in poultry shows as exhibitor and judge, I have had abundant opportunities to study the judges and exhibitors I have been fortunate enough to become acquainted with, and let me state right here, a better class of good sportsmen, barring a very few exceptions, can not be found in any other allied profession.

Judges are human, consequently they err at times in making their decisions, but the mistakes are due to the head and not to the heart of the judge. A thoroughbred judge loves a thoroughbred animal, and would be the last person in the world to intentionally deprive a meritorious specimen of its just reward in the show ring or exhibition hall. I have seen and watched all kinds of live stock judging, horses, cattle, sheep, swine, dogs and poultry since 1883 and to be perfectly frank, the most consistent and conscientious work was done by judges at poultry shows.

It is true that poultry judges have hobbies that may to a certain extent influence their decisions when making the awards. These hobbies, however, are no worse than the hobbies of exhibitors, who have the same easy faculty of departing from the Standard rules, if it suits their particular whims, as the judges have.

## HOBBIES OF SCORE CARD JUDGES

I remember my old arch enemy, i. e., when I advocated comparison judging and he defended the score card, pitching into the comparison bunch because, as he claimed, no record was made of the awards at comparison shows. This was my good old friend, I. K. Felch, the man who did more to build up the American poultry fancy over twenty-five years ago than any other man in this country—yet I. K. Felch's hobby was the score card and symmetry was his chief one. The old gentleman loved to cut the section about as

much as "Old Deacon" McClave, whose "symmetry cuts" are famous all over the west.

Our old friend, F. B. Zimmer, had his hobbies and a Game Bantam that did not shape up was a "Mutt" in "Zim's" eyes. In all such cases good old "Zim" was color blind. He wanted type, first, last and all the time, and his saying "Shape makes the breed and color the variety" clearly indicates his hobby.

George H. Burgott, the "Brown Leghorn King," has his hobbies, and I well remember them on one occasion at the old Ashland House, New York, some twenty years ago, George tried to explain some of his awards to us and persisted in talking hackle and saddle striping until about two A. M. in the morning. It was a hopeless case, for George would never think of anything else in a Brown Leghorn male except the greenish, lustrous striping. It was his hobby.

Talking about George, reminds me of George O. Brown, one of America's best all around judges that ever lived. "Uncle George" had his hobbies, the same as the rest of us have, but his great hobby, about twenty years ago, was bars, not the liquid kind, but the kind found on Barred Plymouth Rock feathers. We will never forget an almost all night session with "G. O." in Baltimore when he pulled out of his pocket a bunch of feathers neatly locked on a blotting paper pad and exclaimed: "Drev, look at those fine narrow bars on these feathers, count 'em, by gosh, and you will find twelve or more to the inch"! Well that was one of Judge Brown's hobbies and he couldn't help it and in those days fine bars and many of them, helped many a Plymouth Rock win, all other points being equal. As one good old New England breeder of Barred Rocks remarked to us: "Bars win, color is in the discard". It may have been a hobby with judges twenty years ago, but it seems to be a hobby with judges of today, barring a few cranks like Charley Latham and Dan Lambert, who still adhere to the blue color scheme of the good old Plymouth Rock. But those are their hobbies and they have the same right to them as the ultra narrow



The beautiful Silver Penciled Wyandotte male shown above is from the yards of Horace Havemeyer, Stamford, Conn., who has developed this variety to a point where they approach the Dark Brahma in color markings and are the equal of the other varieties of Wyandottes in type. Artist F. L. Sewell, in commenting on this bird, states: "The elegant cock bird shown above is a male of rare gracefulness of outline and color not yet surpassed by any of his variety. Fanciers of this charming variety will be glad that their favorites are in such good hands and will be gratified to note the genuine progress being made in them, also that they are being produced in sufficient numbers on Mr. Havemeyer's estate so that he has decided to share his success with fanciers who appreciate true quality. Mr. Havemeyer's Silver Penciled Wyandottes won the four first prizes at Madison Square Garden this year (January, 1913), and this cock also won first at Boston, where competition in Silver Penciled Wyandottes has been most keen".

barred cranks.

Probably the man with the most pronounced hobbies was George Purdue, who, years ago, was America's most noted Light Brahma breeder, the man that put the laced tail coverts on the Brahma. Many a pleasant chat have I

(Continued on page 201)



# GREATER BUFFALO POULTRY SHOW

## NOVEMBER 24-29-1913.



THE MOST REPRESENTATIVE GATHERING OF POULTRYMEN SEEN IN BUFFALO SINCE THE PAN-AMERICAN. SELDOM HAVE EXHIBITS COVERED SUCH A WIDE RANGE OF TERRITORY, WITH MASSACHUSETTS AT ONE EXTREME AND CALIFORNIA AT THE OTHER. SPACIOUS HALL PERMITTED SINGLE TIERING, AND COOPING WAS ONE OF ATTRACTIVE FEATURES. THANKSGIVING WEEK, 1914, ANNOUNCED AS THE DATE FOR THE SECOND ANNUAL EVENT

BY WILLIAM C. DENNY



THE Great Buffalo Poultry Show held Thanksgiving Week, November 25-29, 1913, in the Broadway Auditorium, Buffalo, N. Y., was the greatest poultry exhibition that has been held in that city since the famed Pan-American Exposition in 1901. Not since then has the list of exhibitors included so many prominent breeders, nor has the quality of exhibits been equalled. According to the catalogue 3254 head of poultry, pigeons and pet stock were shown by 348 exhibitors from many states, including far away California, Kansas and Georgia. The list of well known poultrymen who entered exhibits include Wm. Cook & Sons, Scotch Plains, N. J.; Onlya Farm, Morristown, N. J.; Williams Bros. & Brace, Fullerton, Calif.; Jos. Russell, Toronto, Canada; Havemeyer Bros., Mahwah, N. J.; Hugh A. Rose, Welland, Ont.; Manhattan Farms, Rochester, N. Y.; Sunnybrook Farm, Eatontown, N. J.; Richard Oke, London, Ont.; Turtle Point Farms, Saratoga Springs, N. Y.; Urban Farms, Pine Ridge, Buffalo, N. Y.; John W. Ward, Pennington, N. J.; F. G. Bean, Collegeville, Pa.; Henderson & Billings, St. Mary's, Ont.; S. H. Harter, Nescopeck, Pa.; Rockafeller & Hubbard, New Haven, Conn.; B. O. Schilling, Rochester, N. Y.; Houck & Alt, Buffalo, N. Y., and many others.

Buffalo as a center for a poultry show occupies an unrivaled position, geographically. It is within a night's ride on a railroad train of more people than any other city in the Union, and accordingly is so located that the vast army of poultry breeders can make shipment of exhibits and have them reach the show room quickly over any of the twenty-four railroads that enter the city. At the threshold of Canada, it is able to draw support of the poultry keepers of the province of Ontario that is so rich in the various branches of agriculture and live stock raising. The number of Canadian exhibitors at this year's Buffalo Show was unusually large, while the quality of their stock was splendid.

The Broadway Auditorium is one of the largest buildings in America in which Poultry shows are held. The floor space is very large, 200 x 177 feet, and is free from pillars and posts. It is well located within five short blocks from Main Street and is conveniently reached by several car lines. The poultry display was laid out in the form of a Maltese cross. In the main central aisle that extended the length of the building were numerous exhibition cages of peacocks, storks, cranes, owls, partridges, pheasants and other rare species of wild fowl, while in the center of the hall a large aviary contained a splendid collection of water fowl including Swans, Mandarin, Wood, Pintails, East India and Rose-bill Ducks. The hall was splendidly decorated and experienced exhibitors present were fairly overcome with the handsome appearance. Cedar trees fifteen feet tall were at the ends of every other aisle, as well as in the main central aisle, while on the tops of the cages of the alternate rows in between were pots containing magnificent chrysanthemums. Completely

encircling the hall were splendid exhibits made by manufacturers of incubators, poultry foods and poultry appliances. These exhibits were tastily arranged and decorated and greatly added to the attractive appearance of the show. L. H. Baldwin of Toronto, Canada, ex-Vice President of the American Poultry Association declared the show to be "very artistic, I have never seen a more beautiful arrangement." U. R. Fishel, of Hope, Ind., Treasurer of the American Poultry Association, described it, "The best arranged show and the finest that I have ever seen."

The show was cooped by the Genesee Cooping Co., Rochester, N. Y., and it may be added that it was one of the neatest and best cooped exhibitions that we have seen in many a day. The cages are constructed entirely of metal with open fronts and backs. Partitions between the cages are of solid metal. The cages were but one tier high and all of the birds cooped singly. The tables were just sufficiently high so that a person of average height could see the entire length of the show room. It was a feature that was appreciated by those who were attempting to locate either show, officials or exhibitors. Fire-proof bunting was draped from the tables to the floor which greatly added to the appearance of the show room.

In announcing their show dates, the management of the Greater Buffalo Show laid emphasis on the advantages to be gained by breeders in exhibiting at an early show which included the opportunity to advertise winners and sell stock for shows held later in the season as well as to prepare advertising matter for the egg trade so that it would be distributed four to six weeks earlier than is usual. Also, during November the weather is not severe as a rule and birds can be shipped without danger of freezing, which injures their breeding value for the following season. The quality of the birds shown at Buffalo was unusually high. Seldom have such classes of White Wyandottes, S. C. White Leghorns, Rhode Island Reds, Single and Rose Comb Brown Leghorns, Anconas, Cornish fowl, all varieties of Orpingtons, Campines, Columbian Rocks been shown. Indeed, the S. C. White Leghorn, White Wyandotte, S. C. Brown Leghorn, Campine, Columbian Rock and S. C. Rhode Island Red males were exceedingly fine and of the same quality that is found at New York and Boston. A number of new breeds were on exhibition including White Houdans, Red Houdans, White Faverolles, American Reds, and nearly all varieties of the noted Antwerp and the newer varieties of the Booted Bantams of Europe that have but recently been introduced to America.

During the show numerous sales were made and at good prices. E. M. Dutton of Newfane, N. Y., sold four Rhode Island Reds for \$250.00, and it was reported that Wm. Cook & Son's sales of Orpingtons during the show amounted to over \$1500.00. A number of S. C. Rhode Island Reds, S. C. White Leghorns and White Wyandottes were sold at very satisfactory prices. According to poultry

(Continued on page 175)



# CHICAGO COLISEUM SHOW 1913

DEC. 12. DEC. 17.



CHICAGO COLISEUM SHOW NOW THOROUGHLY ESTABLISHED, AND INCLUDED AS ONE OF THE FOUR LEADING AMERICAN POULTRY EXHIBITIONS. FOUR HUNDRED FORTY EXHIBITORS REPRESENTING TWENTY-TWO STATES AND CANADA. THE SHOW WAS WELL ATTENDED AND THE MOST SUCCESSFUL HELD IN CHICAGO TO DATE, NUMEROUS SALES AT HIGH FIGURES WERE REPORTED

BY WILLIAM C. DENNY



CHICAGO'S most successful winter poultry show was held under the auspices of the Great Midwest Poultry and Pet Stock Association December 12-17, 1913. It was the 5th annual event of what has become known as the Chicago Coliseum Poultry Show. Through the success of its 5th annual and preceeding exhibitions, the Chicago Coliseum Poultry Show can now be looked upon as a thoroughly established event and may be included as one of the four leading poultry exhibitions of the year. Poultrymen come to the Chicago Show from all sections of the country. It is not unusual to find among the list of exhibitors breeders that live in the eastern states bordering on the Atlantic, those from the states bordering on the Pacific, as well as from Canada and the Gulf of Mexico competing for honors at the same show. This year among the several displays that were sent one thousand miles or more was the Barred Rock exhibit belonging to A. C. Hawkins of Lancaster, Mass., and the remarkable displays of S. C. Brown Leghorns sent by Williams Bros. & Brace of Fullerton, Calif., and the White Faced Black Spanish collection belonging to R. A. Rowan of Los Angeles, Calif. Mr. J. C. Williams gave personal attention to his firm's exhibit, while Mr. Hawkins was enjoying himself renewing the acquaintance of his many friends and customers. The catalogue showed that there were 440 exhibitors from twenty-two states and Canada.

Warm weather prevailed throughout show week, in fact if anything the weather was too warm and rather unseasonable. However, it proved to be the right sort for attendance, according to Secretary Theo. Hewes was by far the best that they have ever had. On Sunday, the largest day, the paid attendance totaled close to three thousand. The show was splendidly supported by the newspapers which daily devoted liberal space to the interesting events that were taking place among the poultrymen of the show. The exhibition was also well advertised on bill boards, and in that respect the management has certainly adopted a progressive policy.

The list of judges at Chicago included some of the country's best known and most experienced men. It was the strongest selection that we have seen place awards at a Chicago Show. The list included: W. S. Russell, D. E. Hale, James A. Tucker, W. C. Pierce, O. L. McCord, G. E. Greenwood, Arthur O. Schilling, Arthur C. Smith, H. A. Pickett, H. V. Hark, F. L. Sewell, T. J. Rountree, Ralph Whitley.

This year's show opened as usual on Friday. Practically all of the awards were made and the ribbons were hung on Saturday night. The holding of a show over Sunday enables many breeders who would otherwise be prevented from attending to leave home Saturday night, arrive in Chicago Sunday morning, look over the exhibits and return so as to be back home in time for business on Monday morning. This plan works splendidly at Chicago, whether it will turn out as well at Madison Square Garden Show

where it is to be tried for the first time this year remains to be determined.

The sale of stock at Chicago was brisk indeed. There was a splendid demand for high class specimens and many breeders went home with well filled pocketbooks, the contents of which they had received from eager buyers either for the birds that were on exhibition or stock to be sent from home, or for eggs for hatching to be delivered in the spring. Sales of Plymouth Rocks, Barred, White and Partridge in particular, White Wyandottes, Single and Rose Comb Reds, all varieties of S. C. Orpingtons, Black and White Minorcas, S. C. Brown and White Leghorns and Silver Campines were the heaviest. It will be noticed that all of these varieties are the ones which are general favorites with the practical poultrymen who is furnishing the finest grades of market poultry, or the select trade in eggs for table use, and it was in most of these varieties that the strongest competition was found at Chicago. Western poultrymen apparently do not have much time for the breeds and varieties that may be classed as ornamental. It is not to be understood that they do not appreciate the so-called fancy breeds, but first of all with them, it appears to be "what is a breed good for?" As the breeders of Polish, Hamburgs, Games, Bantams, etc., are not putting forth any effort to develop them, either for prolific egg production, or for market purposes, they cannot expect to find them bred extensively or become really popular.

## COMMENTS ON CLASSES

While the Barred Rock class was not as large as a year ago, the average quality of the birds was better. At the 1912 show A. C. Hawkins of Lancaster, Mass., who breeds the "Royal Blue" Strain, made a splendid record, winning four first prizes. This year Mr. Hawkins went this record two better and made a winning that might well be coveted by any breeder of this grand variety. Mr. Hawkins won six firsts and a number of other prizes thrown in for good measure. Among the numerous specials, he won the Championship male and Championship female and the Gold Watch Special for best display. His first prize cock bird was an even shade of color, both surface and under; had good wings, a nice five point comb, good eye and yellow legs. First cockerel was a very stylish, well developed and finished bird with a medium shade of surface color that was good underneath. He was an easy winner. This bird was sired by the cockerel that was at the head of the first prize cockerel breeding pen at Chicago, 1912. First pullet was the "star" of the class. She had regular narrow snappy barring, was well developed and of good type. Judge Russell said, "This pullet suits me for shade of color and has a tail the equal of which you do not often find." Mr. Russell does not favor the extreme dark barring in female, but of course is after the regular narrow barring that goes clear to the skin. We could not help but notice that the Plymouth Rocks that Mr. Hawkins has exhibited not only at Chicago, but elsewhere, were strong robust birds. They have broad backs, deep well rounded breasts and both males and females stand well on legs.

(Continued on page 215)



# AMERICAN POULTRY WORLD



DEVOTED TO THE

Upbuilding of the Poultry Industry  
in All Branches

GRANT M. CURTIS . . . . . Editor

WILLIAM C. DENNY . . . . . Associate Editor

CONTRIBUTORS: The best informed and most  
reliable men and women at work today in the  
broad field of Poultry Culture and advancement

STAFF ARTIST:

Arthur O. Schilling.

## EDITORIALS

### LATEST HELPFUL CHANGES IN PARCEL POST RULES AND RATES

Further important changes have been made in the weight limits of packages to be transported by U. S. parcel post.

Beginning the first of this month, January 1st, 1914, the weight limit of twenty pounds in "local" districts and the first zone (originally the first and second zones) is increased to fifty pounds—that is, any package that does not exceed seventy-two inches in bulk, and the contents of which are acceptable under parcel post rules, can be shipped now by parcel post, provided it does not weigh to exceed fifty pounds.

Originally the first zone extended fifty miles in all directions from any parcel post office or station and the second zone comprised the territory reaching one hundred miles in all directions beyond the first zone circle. August 1st, 1913, these two zones were merged into zone number one; therefore the new weight limit of fifty pounds applies to territory within a radius of one hundred and fifty miles, or practically so, from any parcel post station.

What are known as "local" districts remain the same as before. A "local" delivery at parcel post rates, means the transportation of a package from one point in a city carrier system to any other point in said system, or the delivery of a package from any point on a rural delivery route, said delivery originating from any given postoffice, to any other point reached by the same rural delivery system. In other

words, such a package does not pass out of the hands of the carrier system of a single city, or go beyond the limits of any country postoffice rural delivery system.

Another important weight limit change is this: In zones three, four, five and six, the permitted weight of packages has been increased from eleven pounds to twenty pounds. Zones three to six—in which the twenty-pound weight limit is now effective—includes all territory from one hundred and fifty to fourteen hundred miles from the postoffice in which the packages are mailed.

Because the parcel post branch of the United States Postal Department has proved to be a big money-maker, during its first year in operation, several reductions in rates have been made. These reductions became effective the first of this month and are as follows :

Third zone—one hundred and fifty to three hundred miles distant—reduced from seven cents to six cents for the first pound, and from three cents to two cents for each additional pound up to twenty pounds.

Fourth zone—three hundred to six hundred miles—from eight cents to seven cents and from five cents to four cents.

Fifth zone—six hundred to one thousand miles—from nine cents to eight cents and from seven cents to six cents.

Sixth zone—one thousand to fourteen hundred miles—from ten cents to nine cents and from nine cents to eight cents.

No changes are made in the rates for packages delivered in zones one, two, seven and eight.

The rule remains in force that the SIZE of parcel post packages shall not exceed seventy-two inches in combined length and girth. It is to be hoped that this rule may soon be changed, granting a liberal increase in the bulk allowed. A fifty per cent. increase here would prove very helpful to the public.

Poultrymen will welcome the above mentioned changes and reductions. The increases in the weight limits of packages is of truly great importance. They will help decidedly in the transportation of "eggs for hatching," eggs and dressed poultry for table use and all kinds of poultry supplies, such as remedies, insecticides, egg cartons, etc., etc.

To be able to ship by parcel post a basket of hatching eggs weighing fifty pounds to any point within one hundred and fifty miles, or a basket or hatching eggs weighing not to exceed twenty pounds, to any point within fourteen hundred miles, and to do this at parcel post rates, undoubtedly will stimulate the "eggs for hatching" branch of the standard-bred poultry industry, to the profit of poultrymen who wish to sell these eggs and to the benefit of all who buy them.

As an illustration of the remarkable difference between the old-time express rates, in the shipment of hatching eggs, and the parcel post rates that were in force last spring (rates that were higher than the 1914 rates),

we cite an experience of Williams Bros. & Brace, S. C. Brown Leghorn breeders of Fullerton, California. This case was reported to our Mr. Denny at the Chicago show last month by J. C. Williams, a member of the firm.

From Fullerton they shipped three sittings of forty-five eggs to a customer in Richmond, Va.—clear across the continent. It cost forty cents to deliver these eggs by parcel post, whereas the express rate would have been \$1.75.

Quite a difference!

Moreover, this Richmond, Va., customer of Messrs. Williams Bros. & Brace reported a hatch of forty-two chicks. This was an unusually good hatch, considering the long distance the eggs were shipped. There is no reason why eggs shipped by parcel post should not receive fully as good treatment in the way of careful handling as when hatching eggs are shipped by express.

The manner in which express handlers used to play basket-ball with packages of "eggs for hatching"—packages so marked—was a grim joke for many years. Poultrymen protested in vain. But now the express companies are literally "on their knees," begging for business. During the recent holidays some of their wagons in Buffalo, N. Y., bore this pleading sign, in large dimensions:

"Ship by express. Ship early to avoid the rush. Promptness and efficiency. Remember that you get a receipt."

Yes, and you can get a receipt also from the United States postoffice. Better still, for a merely nominal sum—five cents for merchandise valued under \$25.00, and ten cents for valuations from that sum up to \$100.00—you can insure your package, and really it is better to have the United States Government back of this kind of a receipt than it is to have some express company back of it.

The express companies have been commercial parasites ever since they first started their service in this country. This service, as a matter of fact, should have been performed by the railroad companies. They do the transporting of the packages and it would have been the natural thing for them to have gathered up these packages in the different cities by means of wagons or otherwise. The express companies, as they grew in size, also grew in arrogance. They piled up the rates and then did just as they pleased—ignored justice, ignored the rights and interests of their customers, ignored pretty much everything, except the annual fat profits.

For example, within the last two or three years the express companies, with the object of getting the long-haul rate out of shipments of live poultry, either adult birds or baby chicks, would often transport a shipment of this kind two and three times the necessary and natural distance—doing this rather than ship it the shortest way, via its route and that of some other company. They wanted every cent of revenue that could be squeezed out of each transaction, regardless of the rights of their own customers. We could cite actual



cases of this kind that would disgust anybody. The wonder is that people stood it as long as they did.

Really, we are beginning to feel a bit sorry, even for the express companies. They certainly are "getting theirs" these days, and getting it strong. Conscience knows they deserve it, but that doesn't prevent one from regretting that they made such bad use of their golden opportunity, in the days when they were supreme. Now the poultrymen of the country certainly are to be congratulated. They waited a long time for their revenge—such as it is.

However, we must still look to the express companies for the safe and prompt handling of all shipments of live poultry, and it is to be hoped that their experience during 1913 may have taught them a lesson. Adult fowls, both for breeding and exhibition purposes and for market, have to be shipped by express—and the same is true of day-old chicks. But the Interstate Commerce Commission, a federal body that has jurisdiction in the supervision and regulation of rules and rates for interstate express shipments, has established a rule to the effect that the shipper by express may route his own shipments from the point of origin to the point of destination. Where poultrymen exercise this right it will cut out, as a rule, the round-about and long-delayed delivery of adult fowls and baby chicks.

This should be done in every case, so far as practicable. Tariff books readily can be obtained that will give full information as regards how to ship by the most direct route, etc. One big draw-back to the sale of day-old chicks has been the severe losses that have occurred during transportation. Chicks would die enroute in considerable numbers, or be abused to an extent that either caused them to die soon after arrival at destination or be stunted in growth.

Much of this loss can be avoided by shippers, provided they take due pains to MAKE SURE that each such shipment goes forward by the most direct route, thus insuring an early delivery. As a matter of course, special pains also should be taken to make sure that these shipments of baby chicks

do not spend a Sunday or a holiday in some cold express office or in an over-heated room—one being about as injurious as the other.

### E. F. McAVOY, CAMBRIDGE, N. Y., PLEADS "GUILTY" TO FRAUD- ULENT PRACTICES AS A POULTRYMAN

Readers of the AMERICAN POULTRY WORLD have been kept informed on the progress of the case of E. F. McAvoy, Cambridge, N. Y., breeder of so-called "Faultless" Houdans, who was arrested last spring by officers of the United States Postoffice Department and arraigned in the United States District Court of the Northern District of New York, on a charge of repeated use of the United States mails to obtain money by fraud from divers persons, residents of this country.

Following his arrest, McAvoy was released under five thousand dollars bail and the hearing, which originally was set for September 22nd last, was postponed a number of times, during which period McAvoy was trying to find some way out of the serious trouble in which he had involved himself by his rascally conduct. The government had a strong case, however, and it looked as though McAvoy would be convicted and sentenced to serve time in the United States penitentiary.

Monday, December 8th, at Utica, N. Y., McAvoy appeared in court and

through his attorneys asked to be permitted to change his plea of "not guilty" to "guilty." It had been agreed by the attorney for the government that if McAvoy saw fit to plead "guilty" to the charge of fraudulent use of the mails, the prison sentence, which appeared to be certain, would be suspended and a cash fine imposed.

The above arrangement was carried out. McAvoy, through his attorneys, agreed to plead guilty to the charges and he was given until Monday, December 15th, to raise the money necessary to pay the fine—a cash fine of seven hundred and fifty dollars. Monday, December 15th, McAvoy appeared in the United States District Court, Utica, N. Y., formally pleaded guilty, was fined seven hundred and fifty dollars by Judge Ray—and paid the money.

During the interviews that led up to the present disposition of this case, McAvoy told Assistant United States Attorney Thos. H. Dowd, that if permitted to plead guilty and escape with the payment of a fine, he would go out of the poultry business. It is to be hoped that McAvoy meant this—or that the authorities will see to it that he does one of two things: either that he goes out of the poultry business and stays out, or that he stops his rascally practices.

We have sometimes thought that perhaps McAvoy is mentally incompetent—that he lacks mental balance or is partly insane. We do not really believe this to be the case, but it has been hard to explain his foolish ras-

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cality on any other basis. The claims he has made and the methods he has followed with such persistence have been foolish in the extreme—to be foolish to square with common sense, even rascally common-sense. He has given plenty of evidence of being both a knave and a fool.

McAvoy is, or has been, a lawyer. How long he practiced law we do not know, but he certainly should have had better sense than to start on the career that finally landed him in the clutches of the crime-detecting branch of the United States Postoffice Department. At a Niagara Falls, N. Y., meeting of the American Poultry Association, held six or seven years ago, McAvoy was accompanied by his wife—a charming woman—and their little boy. Even at that time he had to "clear out," because a number of his victims were there, ready to make trouble for him. At this meeting, also at the St. Louis meeting of A. P. A., held in August, 1910, he was given plenty of warning. If he had wanted to straighten up and do the right thing, there was plenty of opportunity.

Mr. McAvoy claimed recently that the editor of A. P. W. has shown a desire to persecute him. This is not true. For years we have aimed to do two things—first, to help honest poultrymen make a success of their business, on legitimate lines; second, we have tried to point out to ALL poultrymen that it pays best to be honest in the poultry business, as a matter of mere policy, even if they are not qualified to deal honestly on the basis of right principles. Individual morality is a development—so is personal honesty. Not all of us see things alike—not at any given time; therefore we can well afford to be patient, to be lenient. But McAvoy had scores of

warnings. He persisted in inviting the trouble that overtook him—in fact, he made it necessary for the postal authorities to check his operations.

His unhappy experience should be a warning to others who may be tempted to follow in his footsteps. At the Niagara Falls A. P. A. meeting above referred to, Geo. Urban, Jr., of Buffalo, who felt that he had been mistreated by McAvoy, said to the writer: "It seems a pity to put the law on that scamp, when one looks at his ladylike wife and pretty child." It was felt then that McAvoy had brought Mrs. McAvoy and the little boy with him, as a sort of body guard—to stave off the attack of a number of his victims who felt that his case should be taken up by the American Poultry Association and an example made of his wrong-doing.

It is to be hoped that McAvoy will find honorable employment in some other line of human endeavor—and be it said to the credit of mankind that in all probability one hundred per cent. of the men and women who know anything about him and his past misconduct, will wish him immediate and lasting success, provided he reforms his methods and conducts himself in an honest manner. Speaking for ourself, we have never had the slightest personal feeling against McAvoy. There has been no occasion for such feeling. On the contrary, we have regretted that a man of his mental attainments, of his breeding and family connections should have made such poor use of his personal opportunities.

Start the new year right and keep a record of all receipts and expenditures in your poultry business. It is the only way you can ascertain if your poultry keeping is profitable.

## WILL SOME ONE PLEASE TELL US WHAT THIS MEANS?

In the November, 1913, issue of A. P. W. (page 11) was published an editorial entitled, "New and Altered Illustrations for the 1915 Standard," part of which consisted of a report by A. O. Schilling, staff artist of this magazine, in which report Mr. Schilling said:

"Mr. Stahmer's prices being over forty dollars each, except for white birds, also Mr. Sewell's prices and mine being in excess of forty dollars per bird for new sketches, caused considerable discussion and argument by members of the committee, in view of the fact that President Thompson had wired the committee not to pay over forty dollars per bird for any illustrations.

"Mr. U. R. Fishel, treasurer of the association, had wired to the committee, advising them that if they paid as high prices as those charged for illustrations in the present Standard, he would immediately resign his office. The above two arguments were put before us continually by members of the committee in an endeavor to obtain a reduction, but without success, as I believe Mr. Stahmer held to his prices, as did Mr. Sewell."

Under date November 10th, U. R. Fishel addressed a letter to the editor of A. P. W., in which he said:

"I am not a member of the revision committee, therefore had no cause or right to make any such remark. I did not wire the committee anything while at Chicago. It would have been the height of folly for me to have wired any committee along the line Mr. Schilling quotes me as doing."

It will be noted that in this denial Mr. Fishel says, "I did not wire the committee anything while at Chicago." The question naturally arises, did Mr. Fishel wire the committee, or any member of the committee, to this same effect, at any other place than Chicago, or at any other time?

November 22-23, Mr. Fishel visited

# 100,000 BABY CHICKS FOR 1914 5,000 PER WEEK, FIRST HATCH FEB. 15TH EVER-LAY STRAIN S. C. WHITE LEGHORNS

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Prop.,**



Buffalo, in his capacity as a member of the committee of seven that has been entrusted with the work of revising the constitution and by-laws of A. P. A. At that time we called Mr. Fishel's attention to the "while at Chicago" phrase in his letter of denial, whereupon he said, in substance:

"That does not have any real bearing on the question. I did not telegraph this statement, or anything like it, to the committee while at Chicago, or anywhere else. I have never sent such a telegram to any person, either at Chicago or elsewhere. Nor have I ever written a letter to any one in which I made this statement. Moreover, I have never made that statement verbally to any one."

November 13th Mr. Schilling replied to Mr. Fishel's letter of November 10th, in which reply he said:

"This statement was made to me by Mr. Hicks during the recent meeting at the Lexington Hotel, Chicago, and I am writing Mr. Hicks today, requesting him to furnish me with a copy of same."—Meaning a copy of the telegram.

On the same date—November 13th—Mr. Schilling wrote Mr. Hicks as follows:

"Buffalo, N. Y., November 13, 1913.  
"Mr. Reese V. Hicks,

Topeka, Kans.

"Would you be kind enough to send me copy of telegram sent to the Standard Illustration Committee by Mr. U. R. Fishel, wherein he advised the committee during its recent meeting held at Lexington Hotel, Chicago, that he, Mr. Fishel, would resign his office of Treasurer of American Poultry Association if the committee voted to pay as high prices for art work as was charged by the artists for illustrations in the present standard? You will recall that this statement was made by you to me personally during the meeting at Chicago.

"If this telegram was not sent to the committee during its recent meeting, please advise me at an early date when it was sent and oblige,

"Yours very truly,  
"A. O. Schilling."

Also on November 13th, Mr. Schilling wrote Louis A. Stahmer, poultry artist of the American Poultry Journal, Chicago, Ill., to whom he said:

"Mr. Fishel has denied this statement and I simply want to verify the

fact that this statement was made by the committee, and by Mr. Hicks in particular."

Under date November 15th, Mr. Stahmer replied to Mr. Schilling's letter to this effect:

"Replying to your favor of November 13th, regarding statement made by Mr. Hicks during the meeting of the committee at the Lexington Hotel, will say that the following statement was made by Mr. Hicks in ours and the committee's presence:

"We have just received a telegram from Mr. Fishel, saying that he would resign his office if the committee voted to pay as high prices as they did for the illustrations appearing in the present Standard.

"This statement was made more than once."

Up to the present date—December 22nd—Mr. Schilling has not received from Mr. Hicks a reply to the letter he wrote Mr. Hicks, of date November 13th. At the Palace Show, New York City, week of December 2-6, Mr. Schilling saw Mr. Hicks for a few moments and asked him if he had replied to this letter. "Mr. Hicks showed a disposition to laugh at the question of whether or not he had received any such telegram from Mr. Fishel while in Chicago"—so states Mr. Schilling.

Editor of A. P. W. has today—December 22nd—asked Mr. Schilling to send to Mr. Hicks a copy of his letter of November 13th (Mr. Schilling's letter, as above quoted), together with a request for an early and frank answer to the question of whether or not he did receive, while at Chicago—or at any other time—such a telegram as he told Mr. Schilling and Mr. Stahmer that he had received.

At the Chicago show, week of December 12-17, Mr. Schilling met Arthur C. Smith, a member of the revision committee, and Mr. Smith told him that he remembers having heard Mr. Hicks state, during a meeting of the committee held at the Lexington Hotel, Chicago, that he had received such a telegram from Mr. Fishel, as Mr. Schilling claims Mr. Hicks said he had received, or that the committee had received.

Also at the Chicago show Mr. Schilling

mentioned this matter to W. C. Pierce, another member of the revision committee. Mr. Pierce acted as secretary of the committee at the Lexington Hotel meetings. Mr. Pierce told Mr. Schilling that he had not personally seen such a telegram and therefore could not be positive that such a telegram had been received.

Clearly, it remains for Mr. Hicks to REPLY, definitely and candidly, to Mr. Schilling's letter of November 13th—and to put himself right with the interested public. He should lose no further time in doing this. As the matter now stands, the question of veracity is raised, not merely between Mr. Schilling and Mr. Hicks, but between Mr. Hicks on the one hand, and Messrs. Fishel, Schilling, Stahmer and Smith on the other hand.

This is a position in which Mr. Hicks cannot afford to rest. If he was "bluffing" when he stated at Chicago that Mr. Fishel had sent to him, or had sent to the committee of which he was chairman, such a telegram as he reported at Chicago had been received by him, it was a foolish piece of business—a mistaken method of trying to serve the American Poultry Association by threatening a silly form of calamity, if the artists did not reduce their prices for art work.

It is to be hoped that Mr. Hicks will find it convenient to reply, fully and frankly, to Mr. Schilling's letter of November 13th—doing so in time for us to publish his statement of the matter in the next issue of AMERICAN POULTRY WORLD.

—o—

#### MR. FELCH WILL BE EIGHTY YEARS OLD THIS MONTH

The following thoughtful communication states a fact that will be of interest to many A. P. W. readers:

"College Farm, Charles River, Mass.,  
December 16th, 1913.

"Editor American Poultry World:

"Mr. I. K. Felch, of Natick, Mass., will be 80 years old on January 17, 1914. Perhaps you many think it desirable to note this fact in the January issue of the AMERICAN POULTRY WORLD, as

# ALDRICH WHITE ORPINGTONS

## GREAT WIN AT CHICAGO

At the Great Mid West Coliseum Show, Chicago, December 12—17, 1913, we made the greatest win ever made in White Orpingtons. We entered only 19 birds and won:

*S. C. White Orpingtons—1-3 Cock; 1-2-5 Cockerel; 2-5 Hen; 1 Old Pen; 1 Young Pen. Did not show pullets (account of customers showing.) Grand Special for best display, White Orpingtons Club Cup for best display, Special for best colored male, Special for best shaped male.*

At Atlanta, the great International Exposition, the South's Greatest Show, December 1-6, 1913, Aldrich Strain Orpingtons made a clean sweep as birds shown by ourselves and Mrs. L. P. Eberhart who breeds Aldrich strain exclusively won 76 points against 70 for all competition combined in strongest classes ever shown in the south, winning 1st and 2nd pens in a class of 18 pens, 1-2-3 pullets; 1-3-4 hens; 2 cock; 3-4 cockerels. Every one of the above birds were bred by us or from our eggs this spring, proving that Aldrich Strain White Orpingtons are *The Strain Of Quality.*

1914 mating list now ready. Eggs \$15 per setting from the finest pens ever mated in the world. Book your order early and avoid disappointment. Please mention A. P. W.

ALDRICH POULTRY FARM

4085 N. High St.,

COLUMBUS, O.





there are probably many poultrymen who would like to send him congratulations.

"Respectfully,  
"John H. Moore."

On page 166 of this issue is the beginning of an article entitled "More about the Important Question of a Three-Hundred-Egg per Year Hen," to which Mr. Felch has contributed a letter of characteristic energy and decisiveness. For more than forty years Mr. Felch was the foremost champion of standard-bred poultry in the United States—in the New World. Eventually he came to be known as the "Sage of Natick," as regards information, argument and advice in behalf of better poultry and more of it.

In its day "The Philosophy of Judging," written by Mr. Felch, with the assistance of H. S. Babcock, Providence, R. I., and illustrated by J. Henry Lee, was the best book of the kind in existence. We do not know that it has been replaced by a better book to this date, although some of the judging methods explained and advocated in it have fallen into disuse—for better or worse.

Mr. Felch also was the author of several other poultry books, including "Poultry Culture," a broad treatise of the subject that makes a book of about four hundred pages. This book, as was the case with several others written by Mr. Felch, sold in large numbers for fifteen to twenty years and is still in general demand.

During all the years of his active manhood, Mr. Felch was a prolific writer on poultry subjects and a willing contributor to the press. His name appears in the first copy of the first poultry journal ever published on this side of the Atlantic—the old "Poultry Bulletin," of date April 1st, 1870, published in New York City. This copy of the Bulletin consisted of eight pages, 9 x 12 inches in size, without a cover. Philander Williams, then of Taunton, Mass., helped start the "Bulletin" and J. Y. Bicknell was an early contributor. Mr. Bicknell is still living, at the age of seventy-nine. He resides in Buffalo, is quite hearty and continues to render satisfactory

service as the busy secretary of a foremost fraternal organization. Philander Williams, apostle of peace and good will, passed into the Great Silence, some three years ago, at the age of seventy-eight, loved and honored by all who knew him.

We trust that this item may come to the attention of scores of loyal friends of poultry culture in the New World who will be glad to act on Mr. Moore's suggestion, as set forth in the brief but worthy communication published herewith. About a year ago more than three hundred prominent poultrymen and active members of the American Poultry Association sent letters and cards of best wishes to Mr. Felch. He was deeply touched by this act of remembrance and we hope it may be repeated this year, now that he has reached the eightieth milestone of a long and useful life.

#### OFFICIAL REPORT OF FIRST MEETING OF COMMITTEE ON REVISION OF A. P. A. CON- STITUTION AND BY- LAWS

The following report is published at the request of S. T. Campbell, Secretary of the American Poultry Association:

"Forty years after the organization of the American Poultry Association, the special committee appointed at Atlantic City to revise and codify the constitution, met in Buffalo, N. Y., November 22-23, 1913, in the city where the association was organized, February 15th, 1873.

"Members present: E. B. Thompson, Grant M. Curtis, John H. Robinson, Frank E. Hering, U. R. Fishel and S. T. Campbell. Mr. Reese V. Hicks could not attend and sent recommendations by letter.

"The committee worked earnestly and harmoniously for two days and nights.

"Mr. John H. Robinson will compile and edit the constitution. This insures proper construction and perfect diction. The committee will meet again, early in March, at South Bend, Indiana, to further consider and complete its work. The constitution as revised is to be published in the Official Bulletin and will be presented at the next annual meeting, for approval and adoption.

"Members of the Association are re-

quested to send the Secretary such suggestions or changes for the constitution as they deem advisable.

"S. T. Campbell, Secretary,  
"American Poultry Association,  
"Mansfield, Ohio."

#### RECENT SALES OF QUALITY WHITE ORPINGTONS AT PROFITABLE PRICES

It is well known that the White Orpington boom which held this country in its grip during the seasons of 1909-1910 and 1910-1911, met the usual fate of booms in 1912—at a time when all branches of the standard-bred poultry business in America struck rough sledding, mainly on account of the extremely cold winter of 1911-1912—the hardest winter known in this country in a period of twenty-five years—and because of the late, cold, wet spring of 1912, an unfavorable condition that extended well into the month of May.

The White Orpingtons were comparatively new in this country and they were not very old in England, the land of their origin and early development. Stay-white White Orpingtons are still the exception, both in England and in the United States and Canada. However, probably ten to twenty stay-white White Orpingtons now exist for every one that could be found three, four and five years ago. But during 1909, 1910 and 1911 there were not enough really good White Orpingtons to go around—not within many thousands.

The quite natural result was that during the boom days the United States and Canada were fairly "flooded" with inferior White Orpingtons—the brassy, yellow-backed kind that are unsightly and therefore were looked on with disfavor, despite their utility qualities, meaning their quick maturity as chicks, their fine qualities as table fowl and their acknowledged ability as winter layers. Moreover, shapeless specimens, so far as real Orpington type is concerned, were sold by the hundreds and at absurdly high prices. That usually is what happens during a boom, especially so



CRUSADER III. A BOSTON WINNER. JOHN S. MARTIN,

## REGAL QUALITY

In giving my own winnings from time to time it is well to remember that my customers are just as successful. Hardly a day passes I do not receive some show report. Some of these I am not at liberty to mention, but the following winnings at one of Canada's largest shows will serve as a sample:

SINCLAIRVILLE, Nov. 23, 1913  
You will no doubt be glad to hear of my win at Hamilton. In a good big class I won Cock 1, 2, Hen 1, 2, Cockerel 1, 2, Pullet 1, 2, 3, 4 and all specials on White Wyandottes. I also won the Spectator Cup for best Cock in the Show. Ryrie Silver Medal for Best Pullet in the show. Silver Shield for best Hen in American Classes. I showed ten birds and had them all placed. They are all pure Regal Strain and descended from the Cock that I bought of you two years ago. You can use this if you like.

Yours truly, W. A. IRVINE.

#### MY CATALOGUE IS READY

I have just received from the printers my new Catalogue and Mating List for 1914. It is illustrated from cover to cover with photographs of my famous winners and snapshots of my breeding pens and plant. It has a number of articles on feeding and rearing chicks also on the care of the breeding stock. It also has a full description of my matings for 1914. If you will send me your name I will forward you a copy free of charge.

#### 1500—COCKS, HENS, COCKERELS AND PULLETS—1500

**SPECIAL**—100 Exhibition Cockerels and 200 beautiful Pullets ready to now win the blue ribbon for you. 100 well matured Cockerels from my heavy laying Dorcas line \$10, \$15, \$20 and \$25 each. Dorcas Pullets \$5, \$8 and \$10 each. Stay White Utility Cockerels \$3 and \$5 each.

Box W,

PORT DOVER, CANADA



if the boom deals with some really scarce article, as was the case with White Orpingtons.

Wm. Cook of England, now deceased, rendered a valuable service to mankind when he originated a new race of domestic poultry in the form of "all the Orpingtons"—meaning more particularly the Buff, Black, White and Jubilee or Mottled Orpingtons. Unquestionably the Orpingtons represent one of the best breeds of domestic fowl ever produced and it is reasonably certain that the leading popular varieties of this breed will continue to command a large sale, so long as eggs are valued as food and human beings continue to be flesh-eating animals.

The known fact that high-class, stay-white White Orpingtons are still scarce, is one big reason why the right kind of White Orpingtons should continue in strong demand at profitable prices. If there were plenty of the top-notch quality of White Orpingtons to go around—to meet a large and growing demand—they would be a drug on the market. The very fact that it is hard to produce really superior quality White Orpingtons makes the task all the more attractive. Moreover, here is the true secret of long prices. What ANYBODY can do, and do with comparative ease, does not command a very high price anywhere, at any time. It must be admitted that the White Orpingtons mature quickly as chicks, are hardy and vigorous, make excellent table meat and are good winter layers. Such being the case, it then becomes a question of "beauty"—this valuable element to be combined in high degree with usefulness, with utility.

In view of the foregoing general remarks and because of our desire to see the White Orpingtons continue to be popular in this country, on account of their genuine merit, we are glad to report a number of good sales that lately have come to our knowledge. For example, A. C. Hawkins passed through Buffalo last month and spent a day with us. It is not generally known that Mr. Hawkins breeds White Orpingtons, but he took them up as a side line four or five years ago. He has not advertised them, yet some six weeks ago he sold nineteen birds for five hundred dollars—even money.

Word comes from Maurice F. Delano direct, that just before the recent show season opened he sold a pen of Single Comb White Orpingtons for one thousand dollars. At the Palace show Mr. Delano told our Mr. Denny about this sale and showed him the check he had received for the five birds. At the same time Mr. Delano reported the sale of "quite a number of S. C. White Orpington cockerels at

one hundred dollars to one hundred and fifty dollars each."

Another item of news, while we are on this subject: Said Mr. Denny, "Mr. Delano told me at the same time of the sale he made of a pen of Buff Orpingtons in November, 1912, to a customer in Nebraska. One of the pullets in this pen began laying December 10, 1912, and up to September 25, 1913, had laid 262 eggs in 289 days. This included a record of ninety-eight eggs in one hundred consecutive days."

Here is further evidence of the fact that the Orpingtons are excellent layers. For a member of as heavy a breed as the White Orpingtons to have laid two hundred and sixty-two eggs in two hundred and eighty-nine days, is nothing short of remarkable—is a tall feather in the cap, or tail, of the accredited representative of the

entire Orpington tribe, as it were.

At the Chicago show, week of December 12-17, E. S. Aldrich, of the Aldrich Poultry Farm, Columbus, Ohio, specialty breeders of White Orpingtons, told Mr. Denny of several recent sales of male birds "at one hundred dollars apiece and upwards." The Aldriches are firm believers in the splendid qualities of the White Orpingtons and have developed a strain of stay-white birds. They believe firmly in the future of this variety.

With such men as the Aldriches, Mr. Delano, Louis Lee Haggin and others devoting time, talent and money to the further development of the utility value and great beauty of the White Orpingtons, there should be no question as to the future of this still popular variety of standard-bred fowl in America. The boom hurt

We wish to call your attention to the following letters that we received in less than a week's time.



December 6, 1913.

"I have just won First and Second Pullet and First Pen (Barred Plymouth Rocks) on three entries with Grove Hill birds."

December 1, 1913.

"About a year ago this time I purchased a pullet bred cockerel of you, and I wish to say at this time that it was a bird worth every cent that I paid, judging from the pullets that I now hold from him. If you were to see that fellow now, I am quite sure that his quality would make you take off your hat to Grove Hill."

December 5, 1913.

"Swept the boards on Single Comb Brown Leghorns—Landed First Cock, First Hen, First Cockerel, First Pullet. All Grove Hill strain."

December 5, 1913.

"On five entries received First Pen, First and Second Pullet, Second and Third Hen, all Barred Plymouth Rocks. These birds were all Grove Hill birds and females were all sired by cockerel purchased of you in 1912-13. Comment as to satisfaction unnecessary.

Owing to heavy sales we have not exhibited at the early shows this season, yet you can see what we have been doing for our customers.

We wish to extend to every reader of the American Poultry World a cordial invitation to meet with us at the Boston Show and inspect our entries and displays. Mr. Cook or one of his assistants will be in attendance at all times.

**GROVE HILL POULTRY YARDS, Box 804, Waltham, Mass.**

WILLIAM ELLERY BRIGHT, Prop.,

F. G. COOK, Supt.



**COCK BIRDS** A few choice ones to offer that were used in our breeding pens of last season. White Wyandottes, Brahmas, S. C. White and Brown Leghorns, \$3-\$4-\$5 and up. Order direct from this ad. Satisfaction Guaranteed.

**COCKERELS** \$3 to \$10. Beauties and great values, your money returned as cheerfully as it was taken, if you are not perfectly suited. A great collection to select from, all bred from a great laying train of Show Birds. Eggs you must have, there is where the profit lies—Eggs are our hobby, and selling now for 75 cents per dozen for table purposes, think of it. Get some Laying Blood and infuse it into your flock. Don't Wait, get some of this profit. First Class Thoroughbred Stock is the only kind that are profitable, that have been bred for generations from Layers That Win. Toulouse Geese \$5. Indian Runners \$2.

FORT ANN. N. Y.,

Box W.

AN HISTORIC SPOT



them, for the time being—but it also helped. It advertised the variety very extensively and made known the fact that quality specimens were scarce—that they still had to be PRODUCED before they could exist in large numbers. It is the difficulty of producing really fine specimens, together with their scarcity, that helps to create high prices. That condition still exists in the case of White Orpingtons and we believe the present demand for choice specimens will increase steadily—to the profit and satisfaction of the well-known poultrymen who now have in hand the destiny of this splendid variety of a truly great race of domestic poultry.

#### MORE ABOUT THE IMPORTANT QUESTION OF A THREE-HUNDRED-EGG-PER-YEAR HEN

In last month's issue of A. P. W. was reported the welcome news that James Dryden, poultry instructor and investigator at the Oregon State Agricultural College, Corvallis, had produced a hen that had succeeded in laying three hundred and three eggs in three hundred and sixty-five consecutive days—in one year by the calendar.

Whether or not this is the first and only case to date, where a hen has laid three hundred or more eggs in a year's time, is an interesting question, both in this country and in foreign lands. Just what Australia has done in this line, we do not know—and Europe is still to be heard from.

On receiving the authentic report from Professor Dryden that hen No. C-521 had actually passed the three hundred egg mark, for three hundred and sixty-five consecutive days, we deemed it worth while to write to several well-known poultrymen whom we know to be specially interested in this question of prolific egg-yield—poultrymen who for years have been making experiments along the same line.

Among the poultrymen written to are I. K. Felch, Natick, Mass., D. W. Young, Monroe, N. Y., R. A. Richardson, Haverhill, Mass., and Dr. N. W. Sanborn, Holden, Mass. We ought to have written at the same time to J. W. Parks, Altoona, Pa., but overlooked doing so.

In each case we asked these well-known poultrymen to tell us whether or not they have ever had a hen lay three hundred or more eggs within three hundred and sixty-five consecutive days, or have known of a performance of this kind among their neighbors or fellow-poultrymen.

To date replies have been received from Messrs. Felch and Richardson, also from Dr. Sanborn. Mr. Felch has written us at length on the subject, and Mr. Richardson and Dr. Sanborn

have agreed to do so at their early convenience. We are making the same request of Mr. Parks.

Under date December 8th, Mr. Felch wrote as follows:

"Natick, Mass., December 8, 1913.

"Editor American Poultry World:

"Those who recently have come to the conclusion that the three hundred egg hen has just arrived, are sadly behind the times.

"A Brahma hen, as far back as 1876, laid three hundred and thirteen eggs in three hundred and thirty-three consecutive days.

"In 1879 a White Leghorn laid one hundred and fifty-nine eggs in one hundred and fifty-nine consecutive days.

"In 1891 (or 1897—Mr. Felch's writing is a bit hard to read—Ed.) eight Brahma hens laid nine hundred and four eggs in four months, from February 1st to June 1st. Two hundred of these eggs were laid in the month of May.

"Last season a Brahma hen laid thirty-nine eggs in thirty-eight days. She then became broody and hatched and raised eight chicks.

"It is on record that in 1895 eight Plymouth Rock hens in Ohio laid an average of two hundred and eighty-nine eggs in one year, winning the highest prize offered by the National Stockman and Farmer of Pittsburgh, Pa. These were all thoroughbred White Rocks, scoring 92 to 96 1-2 points of excellence.

"In the old days few men kept a full year's record. I recall that in 1865 a pen of Golden Spangled Hamburgs laid an average of one hundred and fifty-two eggs in six months, or in one hundred and eighty-two consecutive days.

"Take the case of the eight White Plymouth Rock hens that won the Stockman and Farmer prize back in 1895. Is it not certain that one or more of those hens must have laid three hundred eggs or better, in order to hold up the high average? The chances are many to one that this was the case.

"It is safe to say that there are, and have been, three hundred individual hens in almost all the popular breeds.

"However, I am not a trap-nest advocate, for I believe that any hen will lay more eggs when NOT trap-nested. Fowls are nervous and more or less timid.

"I do not care what the breed is—it is care that brings the eggs. To my best knowledge no hen that has laid over two hundred and twenty-five eggs ever produced a pullet that could beat her own record.

"Because a man allows a pet hen to eat at his own table and thereby enables her to reach three hundred eggs or more in one year, that is no criterion for the breed she represents.

"With all these phenomenal individual records, it is safe to say that no breeder in the land can boast of more than one hundred and fifty eggs per year from a hen that is relied on to raise her own chickens, or to do her part of this work.

"Cross-breeds are known to lay well, that is, a first cross will lay well, a fact that has been known to poultrymen for many years, but it is foolish to produce cross-breeds, because they never will bring high prices. It takes more than usefulness to reach the top prices. Beauty counts for much—meaning attractive appearance in shape, color and feather markings.

"Referring back to the Brahma hen 'Rebecca,' a champion in her day, scoring 95 points and the hen that laid three hundred and thirteen eggs in three hundred and thirty-three days,

when she became broody—this hen ate her dinner with the family. I have a sworn affidavit of the owner of 'Rebecca,' covering her wonderful egg record—the owner to whom I sold her as a pullet.

"The White Leghorn hen that laid three hundred and three eggs at the Oregon State Experiment Station is a thorough-bred. Any fowl that passes the three-fourths blood mixture, becomes a thorough-bred. In the Oregon hen the one-eighth blood of the Barred Rock cross has been consumed in its vitalizing use.

"England calls three-fourth pure blood, in any breed, a fullblood. This is so over there in other live stock besides poultry.

"Thorough-bred or standard-bred poultry has long since demonstrated its superior attractiveness and usefulness. It will continue to hold the champion position on this basis of combined beauty and usefulness.

"Shall repeat in closing that I believe the Oregon hen would have laid more than three hundred and three eggs in the specified time if she had not been hampered by the trap-nest. Am looking forward to the day when these high-record hens will be able to produce progeny that can equal the parent's record in egg-yield. To date this does not appear to have been accomplished.

"Yours respectfully,  
"I. K. Felch."

Mr. Felch does not explain by what method it was determined that the Light Brahma hen, "Rebecca," laid three hundred and thirteen eggs in three hundred and thirty-three consecutive days, although he does state that he has an affidavit from the owner, covering the main fact of this unequalled performance. We have asked Mr. Felch for a copy of the affidavit, also for any other definite information he may have that will tend to establish the authenticity of "Rebecca's" achievement.

Reference also is made by Mr. Felch to a White Leghorn hen that is said to have laid one hundred and fifty-nine eggs in one hundred and fifty-nine consecutive days, away back in 1879. We are asking Mr. Felch for further information about this hen and record, because, to the best of our knowledge, this is the highest claim made thus far for uninterrupted day-after-day laying, at the rate of an egg a day.

A customer of J. W. Parks, Altoona, Pa., has made affidavit that a Barred Plymouth Rock pullet-hen of the Parks' bred-to-lay strain "began laying January 31st, 1910, laid two eggs, then missed one day, then laid one hundred and forty-eight eggs without missing a day." This affidavit was made by D. R. Morgan, Port Alleghany, Pa., on August 23, 1910, and until Mr. Felch put this White Leghorn hen of 1879 "in evidence," so to speak, we were of the opinion that the Parks-Morgan Barred Rock hen held the record for laying the largest number of eggs continuously, without skipping a day.

Hen No. C-521, the seventh-eighths

**FIREFLY  
WHITE  
LEGHORNS  
AND  
R. C. REDS**

## BABY CHICKS!

We are making a specialty of *S. C. White Leghorn Day-Old-Chicks* and can furnish buyers with big, lusty, vigorous chicks that will live and grow. Our stock is right and our prices reasonable. Send for advertising matter before placing your order.

We also breed high class exhibition *R. C. Rhode Island Reds* and will spare a limited number of hatching eggs from pens containing our winners at 1913 New York Palace Show.

*Special!* We are closing out our *R. C. Brown Leghorns* and have some *Genuine Bargains* for early purchasers.

**FIREFLY FARM,**

**E. W. Phelps, Prop., Box 5.**

**GUILFORD, CONN.**

## BABY CHICKS!



White Leghorn and one-eighth Barred Rock that laid three hundred and three eggs in three hundred and sixty-five consecutive days in the hands of Professor Dryden, produced ninety-nine eggs in one hundred consecutive days, which was indeed good work, and it will be recalled that "Lady Show-You," the two-year-old White Plymouth Rock hen that won first honors in the second Annual National Egg-Laying Contest, at Mountain Grove, Mo., 1911-1912, laid eighty-two eggs in eighty-two consecutive days. Therefore to date the White Leghorn reported on by Mr. Felch seems to be in the lead, provided her alleged performance can be verified.

Perhaps some record exists as to the number of eggs that the Light Brahma hen "Rebecca" laid during consecutive days, without missing her daily contribution. To have laid three hundred and thirteen eggs in three hundred and thirty-three consecutive days, would mean that this Asiatic prodigy had to "keep on the job" pretty regularly. By the way, did not Professor Dryden's hen, No. C-521, do about all that reasonably could be asked of her under modern "union" rules? If we deduct fifty-two Sundays from the year of her great egg-yield and ten legal holidays, we have her laying exactly one egg a day for every proper "work day" in the entire year. Some head-piece on that hen as a "cackleanor"—also as a church-going body and a "member of the union in good standing." Yes, we know—we admit—that "punning" is the lowest order of wit, but that one slipped by and we refuse to expunge it from the records.

In his interesting letter—written, let it be remembered, when the author was within six weeks of eighty years old—Mr. Felch makes reference to the egg-laying contest that was conducted years ago by the National Stockman and Farmer, of Pittsburgh, Pa. Editor of A. P. W. took a keen interest in the results of that contest and published quite full reports of it in the Reliable Poultry Journal, back in 1895 and 1896. For example, we quote from the December, 1896, issue of R. P. J., the following introductory paragraph and summary:

"On January 31st, 1895, the National Stockman and Farmer, of Pittsburgh, Pa., closed its last Annual Egg Contest, which was opened February 1, 1894. Two hundred and twenty-four pens were entered by subscribers in this contest, 143 of which continued

throughout the year. Weekly reports were required from each contestant, and the value of the eggs laid was determined according to the current price of eggs in the Pittsburgh market, this value being computed on the number of eggs as reported from week to week. The six highest winners and the number and value of eggs were reported in the Stockman and Farmer as follows:

"First—Pen 112, W. S. Stevens, Mechanicstown, Ohio, eight White Plymouth Rock pullets, an average of 289 eggs each, or a value of \$5.02 per hen.

"Second—Pen 189, Wm. G. Dodson, Carrollton, Ohio, eight cross-bred Leghorn pullets, an average of 283 eggs each, or a value of \$4.82 per hen.

"Third—Pen 115, J. G. Redkey, Rainsboro, Ohio, eight White Plymouth Rock pullets, an average of 280 eggs each, or a value of \$4.00 per hen.

"Fourth—Pen 75, L. E. Bradbury, New Lisbon, Ohio, eight Single Comb Brown Leghorn pullets, an average of 270 eggs each, or a value of \$4.64 per hen.

"Fifth—Pen 88, Z. N. Allen, East Brook, Pa., twenty-four Single Comb Brown Leghorns, an average of 277 eggs each, or a value of \$4.89 per hen.

"Sixth—Pen 154, Z. N. Allen, East Brook, Pa., twelve Barred Plymouth Rocks, an average of 262 eggs each, or a value of \$4.24 per hen."

Now what do you think of that, Mr. Reader—also Mrs. Reader, in this year of 1914, and of "recent" marvelous egg records?

Sort of "staggering," isn't it?

Back in April of 1895, Mr. Stevens, Mechanicstown, Ohio, wrote a letter to the Reliable Poultry Journal, for publication, telling how he housed and cared for his eight White Rock hens, and what and how he fed them during the year in which they laid an average of 289 eggs, from which letter we quote about half of the opening paragraph, as follows:

"You ask how I managed and cared for my eight White Plymouth Rock hens during the recent egg contest, as conducted by the National Stockman. I will be pleased to tell you. This pen consisted of eight White Plymouth Rock hens and one rooster. These eight hens laid 2,312 eggs in 365 days; or an average of 289 per hen for the year. Estimated by the Pittsburgh (Pa.) market, week by week, each hen laid during the year \$5.02 worth of eggs."

Referring to the remarkable egg-yield of this pen of eight White Plymouth Rocks, Mr. Felch asks—and very properly: "Is it not certain that one or more of these hens must have laid three hundred eggs or better, in order to hold up the high average?"

It would seem so—no doubt about that. Unfortunately, trap-nests were not in use in 1895, so far as we can

recollect; therefore "flock" or "pen" averages were recorded and had to serve the purpose, for the time being. "Which hens lay the eggs" and "which are the drones," the profit-killers, were questions that could not be decided, with reasonable certainty, until trap-nesting was introduced and adopted. Just when the first trap-nesting was done, or by whom, we do not know. We should like to have this point cleared up by A. P. W. readers who have personal knowledge of the facts. Please write us about it—for publication.

The Light Brahmas were "some layers" on their own account, fifteen to twenty years ago—before the faddists destroyed their utility value, in large part, by overdoing the "Cochiny" cushion, full-feathered craze—all of which was done despite the oft-repeated warnings of the "Sage of Natick," Isaac K. Felch. For example, while looking back through the 1895 and 1896 volumes of Reliable Poultry Journal, in search of the published facts about the National Stockman and Farmer Egg-laying Contest, we came across a communication from the pen of Dr. J. R. Lambert, of Coatsburg, Ill., bearing date June 17th, 1896, from which we quote as follows:

"I have read with interest the different articles in your Journal concerning the laying qualities of the different breeds and will help the record by giving my experience with Light Brahmas. One contributor pertinently asks Mr. Felch or Mr. Williams if the fine stock they breed are of any value as egg producers. I will say my stock is direct from Felch and Williams and below is their record.

From a pen of fifteen Light Brahmas my egg yield was for January, 53 eggs, average, 3 8-15 each; February, 115 eggs, average, 7 2-3 each; March, 296 eggs, average, 19 11-15; April, 334 eggs, average, 22 4-15; May, 340 eggs, average, 22 2-3. June, 11 hens, 16 days, 114 eggs, average, 10 4-11 in 16 days.

"Total eggs from fifteen hens from January 1 to June 1, 1,138, or an average of nearly 76 eggs each in five months, or 15 a month. At least one-third of the pullets were so late hatched that they did not begin to lay till March, thus reducing the average considerably. If possible will try and keep the record a full year."

On hearing from Messrs. Young and Richardson and from Dr. Sanborn, in reply to our letters asking them for their contributions of facts, we shall be glad to print what they report on this interesting and important subject. Facts and records of value are also solicited from other readers of AMERICAN POULTRY WORLD.



First Prize Cockerel, Madison Square Garden, Dec. 1911

## THE WORLD'S BEST STRAIN

### PARTRIDGE ROCKS • BRONZE TURKEYS

Our Partridge Rocks made a clean sweep at Chicago Coliseum Show, December 12-17, 1913, winning every first as follows: Cock 1, 2, 3, 4, 5; Hen 1, 2, 5; Cockerel 1, 2, 3; Pullet 1, 2, 3, 4, 5; Pen Old 1st. Pen Young 1st. A record never before equalled at an important show by any breeder of Partridge Rocks.

Our Bronze Turkeys are of the same High Quality and have been first prize winners at Madison Square Garden for years. To secure the best in either Partridge Rocks or Bronze Turkeys write us. Stock and Eggs for Sale.

BIRD BROS.,

Box H.

MYERSDALE PA.



First Prize Bronze Tom, Madison Square Garden, Dec. 1911



### THE MATTER OF SELECTING NEW OFFICERS NEXT MONTH TO SERVE THE AMERICAN POULTRY ASSOCIATION

How quickly a year slips by! It hardly seems possible that within thirty days after these lines come to the attention of A. P. W. readers, the election commissioner of the American Poultry Association will be discharging the duty of mailing blank nomination ballots to the more than five thousand members of the organization, with an invitation for them to make known their preferences for men or women to hold the following offices:

President, first vice-president, second vice-president, secretary, and three elective members of the executive board, each of these elective members to serve for a period of three years.

At the Chicago show, week of December 12-17, our Mr. Denny asked E. E. Richards, of Cedar Rapids, Iowa, whether or not he is favorable to accepting the office of president at the coming election. Mr. Richards replied that he presumed that E. B. Thompson, the present incumbent, would be a candidate for re-election, "it having become, so it would appear, a fixed custom to give a president two terms." Mr. Richards stated that he does not wish to make a contest for the office and will not do so. He stated further that if Mr. Thompson is re-elected this year, he—Mr. Richards—probably would be a candidate at the next election.

At the time of Mr. Richards' defeat, by a narrow margin, a year ago, he conducted himself admirably. That is the kind of a man he is. When the membership of the association gets ready to elect Mr. Richards to the office of president, no mistake will be made. Few men have had more experience in A. P. A. work or in the general poultry field. For twenty years or more he has worked capably and faithfully for the betterment of the poultry industry in all branches and during the last eight or ten years he has been especially active in helping to place the American Poultry Association upon its present unequalled basis of usefulness.

Last year Joseph P. Russell of

Toronto, Canada, well-known breeder of high-class White Wyandottes and a man of all-around sterling qualities, would have been elected to the office of first vice-president, but for the fact that on account of pressing business duties he withdrew from the race. It is to be hoped that Mr. Russell will consent to stand for the office this year. He is a busy man—but that is the kind the association needs. Men out of a job or with a lot of leisure time on their hands, have something the matter with them—as a rule. The Canadian membership of A. P. A. should be represented among the head officers. There is a big field in Canada for A. P. A. development, a field that ought to receive early and thorough-going attention, on the basis of mutual helpfulness.

Merely as a suggestion, Louis Lee Haggin, of Lexington, Ky., would make a good second vice-president. He is a representative southern poultryman, a man of energy, ideals and courage. His responsibilities as the proprietor of Elmendorf Farm and of what are known as the Russell Cave Poultry Yards, would make it inadvisable for him to undertake a large amount of work, in behalf of the American Poultry Association, but he could spare time to serve in the capacity of second vice-president and it is an honor that would be appreciated by him, also by poultrymen of the South in general.

It is to be hoped that S. T. Campbell, Mansfield, Ohio, will be re-elected to the office of secretary. He has now held this office five years and has done well in it. He is a hard and faithful worker—a man who seems to have but one aim in all he does; How to increase the membership of the organization, develop its usefulness and promote the best interests of the association. It looks like a case of "letting good enough alone." Mr. Campbell has a highly efficient helper in the person of Mrs. Campbell. Truth is, the association is receiving the competent, result-getting services of two persons at the price of one—a fact that is well known to many members. Next year the association—in all probability—will have a new constitution, one that perhaps will be quite different from the present one. Such being the case, it would appear to be the

part of wisdom for the voting members to re-elect Mr. Campbell to his present position. In any event, that would be our advice—so far as it may be of value.

The terms of three members of the Executive Board expire next August, at the close of "unfinished business" at the thirty-ninth annual convention. These three are, C. M. Bryant, Wollaston, Mass., Earl Heminway, South Haven, Mich., and H. H. Collier, Tacoma, Wash. We do not know whether or not Messrs. Bryant, Heminway and Collier wish to be re-elected. If they do—or if any one of them does—they should let the interested members know, the earlier the better.

Three men who would make strong members of the Executive Board of A. P. A. are A. C. Hawkins, Lancaster, Mass., Maurice F. Delano, proprietor of Owen Farms, Vineward Haven, Mass., and N. R. Nye, Leavenworth, Kansas. Of course there are many others—we simply mention these three, doing so without their knowledge, because we are in a position to know that they would make competent members and because we believe they would accept election.

The columns of A. P. W. are wide open to our readers, for additional suggestions in the way of available candidates—men who can and will serve the American Poultry Association in the best interests of the organization and for the genuine benefit to the poultry industry as a whole. The greater the interest that may be taken in this matter of the annual selection of competent and trustworthy men to serve the A. P. A., the better it will be for every good interest represented by this organization. A. P. W. has no "pets" in the matter and simply desires to see good men and capable men elected. The large amount of successful work that has been done for this association during the last eight or ten years should not be allowed to go by default; on the contrary, with the greater opportunities that now exist, still greater results should be achieved.

Three leading cities are in the field with applications for the honor of entertaining the American Poultry Association at its next annual convention. These cities are Detroit, Chicago and



## LET US SEND YOU BIRDS THAT WILL WIN

Rancocas White Leghorns and White Rocks have been invincible at the largest shows this fall. Write for our winnings and our plan for guaranteeing birds to win.

### RANOCAS POULTRY FARM

BOX 610,

BROWN'S MILLS, N. J.



Indianapolis. Detroit and Chicago both received large votes a year ago—Detroit receiving six hundred and sixty votes and Chicago five hundred and twenty-six. Indiana has long been a hot-bed of poultry fanciers and Indianapolis is, in fact, the hub of the Hoosier State. Probably the next convention will be held in one of these three cities, with the chances a little bit in favor of Chicago, provided that city of "I will" goes after it with characteristic energy. Here again A. P. W. has no choice—has no "special favorite" to plead for or advocate. Our sole desire is to have each year's convention go to a city that will appreciate the honor—that will follow in the footsteps of Denver, Nashville and Atlantic City in properly advertising the event and entertaining the visiting members and their guests.

A copy of the official proceeding of the Atlantic City convention has been received and it is quite a book. It consists of 319 pages, 5 3-4 by 8 3-4 inches in size and contains a large amount of interesting and valuable information. We understand that copies of this big book are to be mailed only to such members of A. P. A. as write to the secretary and ask for them. To all members who wish to receive a copy of the book, it is free, postpaid.

### LARGE AND SUCCESSFUL POULTRY SHOWS THIS WINTER— TRADE PROSPECTS GOOD

Almost without exception the reports that have come to hand thus far have been to the effect that the entries of birds at the leading shows this winter have been decidedly larger than last year and the year before, also that the attendance on the part of the general public has been markedly greater.

Reports to this effect cover the St. Louis show, the Chicago show, the Cincinnati exhibition, the "Lucky Seventh" at Grand Central Palace, New York City, the Philadelphia show, the Greater Buffalo show—and now comes a night letter from Mr. Denny, associate editor, sent from New York City, Sunday evening, December 28th, reading as follows:

"Biggest show in history of Madison Square Garden. Eleven hundred more entries than last year. Many had to be refused. Paid attendance today reached five thousand."

That is fine! We congratulate the new secretary-superintendent, Chas. D. Cleveland, and all others whom it may concern. Undoubtedly this was a big and successful exhibition—one that will mean much to the standard-bred branch of the industry throughout the east.

By the way, we have been receiving another kind of reports here lately,

that are even more encouraging. We refer to the reports of good business—of good sales. About the middle of December, A. C. Hawkins, Lancaster, Mass., passed through Buffalo on his way home from the Chicago show, where he made a "killing" in Barred Plymouth Rocks. He reported business as having been "good during the last ten or twelve weeks, much better than a year ago." Continuing, Mr. Hawkins said: "Sales have been good at right prices and inquiries are many and earnest. I look for a really lively season."

At the "Greater Buffalo" show, held Thanksgiving week, Percy A. Cook, Scotch Plains, N. J., well-known breeder of Orpingtons, was enthusiastic. He had sold over fifteen hundred dollars worth of birds at satisfactory prices during the progress of this show and reported the best fall business he has enjoyed thus far.

November 23rd, U. R. Fishel, Hope, Ind., White Plymouth Rock specialist, was in Buffalo and told us that trade with him had been "brisk all fall"—that he had been kept busy and was looking forward with confidence to one of the biggest years in the history of the industry. Said he: "I judge this not only by the good sales made this fall, but by the large number of inquiries I am now receiving. My mail is extra heavy and the inquiries are from the right kind of people."

H. W. Halbach, Waterford, Wis-



SILVER KING  
FIRST COCK-CHICAGO.

## THE GREEN SHEEN STRAIN CAMPINES "THE HEAVIEST LAYERS OF LARGE WHITE EGGS"



SILVER PRINCESS  
FIRST PULLET-CHICAGO.

### SWEEPSTAKE CHAMPIONS At the Great Coliseum Show, Chicago

December 12-17, 1913. Among 159 entries, we won

Cockerels, 1st, 3rd, 4th; Cocks, 3rd, 5th; Pullets, 1st, 2nd, 5th;  
Hens, 2nd, 3rd; Old Pens, 1st; Young Pens, 1st, 2nd.

We won more prizes than all competitors combined.

The wonderful \$2000 male, Silver King, 1st Chicago cock, 1912, headed the 1st Old Pen, and in addition established a world's record. Ten Cockerels and Pullets sired by him were awarded ribbons.

FRANK E. HERING  
SOUTH BEND, IND.  
FANCIER AND BREEDER

HARMON BRADSHAW, Mgr.  
LEO BROSEMER, Asst. Mgr.

#### Eggs for Hatching

I will mate eight pens, and guarantee each to be headed by a Chicago 1913 prize winning male. Mating list ready January 1st. Place your order for hatching eggs early, as I am certain I cannot supply the season's demand.

BEST  
BY  
TEST

THE GREEN SHEEN STRAIN

BEST  
BY  
TEST



consin, another White Rock breeder, has made a similar report. Said he, writing under date December 16th: "Business is very good and I look for a splendid season."

What the White Orpington men are doing in the way of sales at attractive prices is touched on briefly in the article herewith, entitled, "Recent Sales of Quality White Orpingtons at Profitable Prices." The Rhode Island Red men also report an active demand and numerous sales. Lester Tompkins, Concord, Mass., and F. E. Harrison, Menominee, Mich., are selling more birds than they did a year ago and at satisfactory prices. The White Wyandotte men are doing well and the same is true of the S. C. White Leghorn specialists and the Campine breeders.

It follows, naturally, that if the poultry shows are plentiful this season and the entries large, that the demand for show stock, for exhibition specimens would be heavy and at generally satisfactory prices. While a goodly number of exhibitors breed their own birds—the ones they show, still it is a fact that a majority of poultrymen do not hesitate to "strengthen their strings" wherever they may be weak, and this class of buyers expects to pay fairly long prices. On the other hand, many exhibitors, especially the new or recent comers, have to buy liberally, if they are to compete successfully with the old hands at the business.

In the words of Mr. Hawkins: "The season of 1913-1914 promises to be much better than the two that have preceded it. What the demand for breeding stock and hatching eggs will be in the late winter and during next spring, we of course cannot tell now, not with any degree of certainty, but I look for a good business and am getting ready for it."

There is a question in the minds of foremost breeders like Mr. Hawkins, as to what effect the day-old-chick trade is going to have on the sale of hatching eggs and choice breeding stock. It ought not to have much—not in the case of fanciers who produce the class of stock that such men as Mr. Hawkins have for sale. Nine times out of ten the men who sell day-old-chicks do not pretend to own or handle the high quality of standard fowl that a majority of the specialty breeders have bred in line for years and that season after season "win the blue" at the winter shows. As a rule, day-old-chicks come from utility stock and farm flocks, not from line-bred fowls of true exhibition quality.

#### NEW-LAID EGGS IN NEW YORK CITY RETAIL AT 80-85 CENTS PER DOZEN.

In November, 1912, guaranteed "select" new-laid eggs retailed in New York City at 72 and 75 cents per dozen.

During the latter half of the same month in 1913, this grade of eggs re-

tailed in the American metropolis at 80 to 85 cents per dozen.

In both cases these eggs, at the high prices named, were sold by fancy grocers to an exclusive trade that demands the "real thing" and that can afford to pay for it at any price, so to speak.

"Guaranteed" means "new-laid", beyond the possibility of a doubt, and "select" means "extra large" and pure, clean "white."

These top-notch prices are liable to be somewhat deceiving, but not much so. Poultrymen who send eggs to New York City, even to private customers, cannot expect to get such prices. Back of the particular eggs that command these prices is the to-be-relied-on guarantee of the grocer who sells and delivers them. Purchasers of eggs at 75 to 85 cents per dozen are unwilling to take any chances whatever as to their freshness. It is this "no chance of staleness" that they pay for, in large part.

But the top-notch prices go on up in a pretty clearly fixed ratio to the common run of prices below these highest figures. For example, in the fall of 1912, the common run of prices paid by commission men to nearby poultrymen for guaranteed select, new-laid eggs reached the 50 to 55 cent level and stopped there, whereas this last November they reached the 60 cent level.

Here of late the daily papers, from one end of the country to the other, have had a lot to say about "an egg trust" or "trusts". As a rule, these comments and protests refer to storage eggs, not to the new-laid kind. Probably ninety-nine per cent. of these newspaper writers understand quite well that cold storage eggs and the prices charged therefor, have but little to do with the prices paid in New York City and elsewhere for new-laid eggs.

The trouble with new-laid eggs in October, November and December of each year is that there are not enough of them to go around—to meet the actual and insistent demand. In this country of wealth and of high-standards-of-living there are today many thousands of families that relish new-laid eggs at all seasons of the year and that can afford to have them, even if they do cost four, five and six cents apiece during the period of greatest scarcity. These families do not want "storage eggs" at any price for table use, and the same is true of "classy" restaurants, of "high up" hotels, of "nobby" clubs—also in hospitals, in sick rooms, etc.

These top prices for new-laid, therefore represent, in fact, a question of demand and supply. The demand exists, as we all know, while the supply is limited—a fact with which poultrymen are well acquainted. To increase the supply is a matter of EARLY HATCHING, of EARY PULLETS and of large numbers of EARLY LAYERS. Here unquestionably is to be found one of the best opportunities that exists at present for wide-awake poultry growers to make larger profits.

Early layers are by no means hard to get, but to secure them an EARLY START has to be made. To have Leghorns that will be ready to lay well in

**Dartmoor Dark Cornish** Win at Chicago, Dec. 1913. 1-5 cock, 4-5 hen 1 cockerel, 2 pullet, demonstrating the fact that the Dartmoor line is still a leader among Cornish. A limited number of eggs for disposal. Write your wants.

**Dartmoor Yards, C. S. Brent, Prop., Oconomowoc, Wisc.**

**Engagements Booked Now For** Fall Fairs and Winter Poultry Shows *all classes.* Legalized Expert Poultry Judge.  
**LYOYD M. HALLENBECK, GREENDALE, N. Y.**  
Originator of Buff Brahmas.

**Magenta Poultry Farm, Established 1898**  
**Rose Comb and Single Comb Rhode Island Reds**  
Breeding stock and eggs for sale. Prize winners at leading shows. Madison Square Garden included. Write for prices  
**F. E. WOODARD, Prop., EAST LONGMEADOW, MASS**

**THRAP'S BUFF ROCKS** A clean sweep at Easton (Pa.) Show, November 1913. Five firsts on five entries. Some choice cockerels and pullets for sale. Same blood as winners. Eggs from best matings \$3.00 per setting.

**R. S. THRAP,**

**18 Rose Street,**

**PHILLIPSBURG, N. J.**

**MEIRS' S. C. BROWN LEGHORNS** First prize winners at Madison Square Garden, Philadelphia, Allentown, Hagerstown, Scranton, Williamsport and other leading shows. At Easton, November, 1913, they won 2 cock, 1-2 hen, 2-4 cockerel, 2-3 pullet, no pens shown. **10 High class cockerels** at bargain prices \$5.00 to \$10.00 each. 150 exhibition and breeding females for sale. Eggs from pens containing winners \$5.00 per setting.  
**C. O. MIERS. BANGOR, PENNA.**

## BEAN'S COLUMBIAN ROCKS WIN



### CHAMPIONS EVERYWHERE

**Buffalo Show, November 24-29, 1913**—1-2-3-4 cock, 1-2-3-4 hen, 1-3 cockerel, 1-2 pullet, 1 pen.

**Palace Show, December 2-6, 1912**—1-4 cock, 1-2-4 hen, 1-3 cockerel, 5 pullet 1 pen.

**Columbian Rocks are "Comers"** everybody is pleased with them. They are quick growers, grand winter layers and ver. hardy. I can furnish your requirements in exhibition birds or breeding stock at prices that will astonish you. Write for descriptive circular. Am now booking eggs from the best matings in America.

**F. G. BEAN,**

**COLLEGEVILLE, PENNA.**

## DARK CORNISH GET THE COIN

**DR. W. A. LOW, Importer and Breeder,**

Low's "Ideal" Dark Cornish are winners and will win for you Choice exhibition cockerels and pullets, massive, low built, heavy boned birds. Fully matured and fit for keen competition. Write your wants.

**CATONSVILLE, MD.**



October and November, the chicks should be hatched not later than May 15th, and the larger breeds, including Plymouth Rocks, Wyandottes, Rhode Island Reds, etc., should be hatched in March and April. A Leghorn pullet, to lay well in the fall should be five months old by October 1st and a pullet of the Plymouth Rock, Wyandotte, Rhode Island Red, Orpington, Minorca, Houdan and Langshan class or "size" should be six months old by that time.

It calls for extra effort to hatch out the chicks in March and April, rather than to wait until May and June, but the late hatched chicks will not lay eggs in the fall, but nine times out of ten must be carried through the winter as non-productives and then they start in and shell out the eggs the following spring when "everybody's hens are laying" and when eggs sell at such low prices that the cold storage men can afford to buy them and put them away to await the next period of scarcity.

Why not "get busy" NOW, those of you among our readers who are seeking to make money from the production and sale of table eggs? The thing to do is to get in well ahead of "everybody's hens". There are plenty of hatchable eggs in late February and in March and April. Do not wait for broody hens. That will be too late. Trustworthy incubators now sell at prices within the reach of almost any one who can afford to keep poultry. Get a reliable "hatching machine" and start out EARLY after your share of the October, November and December, 1914, egg profits.

It is a great deal better to have a goodly number of the pullets laying in October, November and December than it is to have them "standing around eating their heads off"; but if you wait until late May and the month of June to get out your 1914 crop of chicks, your pullets next fall and winter will be found in the unprofitable class, so far as laying eggs for the daily market or for the home table is concerned.

\*\*\* Properly constructed poultry houses are essential to success. Learn how to build them by purchasing a copy, "Poultry Houses and Fixtures." Fifty cents post paid \*\*\*

\*\*\* Leading magazines in attractive Clubbing Combinations at reduced prices. Consult our Clubbing Catalogue. A postal will bring a copy \*\*\*

## POULTRY HOUSES AND FIXTURES

### Plans for Practical Buildings and Equipment

This book contains plans of practical poultry houses for use on village lots and on exclusive poultry farms. It illustrates and gives all the details for constructing scratching shed houses, and houses with open fronts, for use in warm or cold climate. It also contains a collection of plans and instructions for making roosts and drop boards; nest boxes; feeding racks and troughs, for fowls and



chicks; watering devices for warm and cold weather—for old and young birds; grit and oyster shell boxes; coops for little chicks with and without yards; coops for weaning chicks; roosting coops; shelter coops; coops for brooding hens; shipping coops; door fasteners, and other appurtenances of poultry keeping. Every house and fixture described in this book is in use on the plant of a successful poultryman; is

simple, labor saving and reasonable in cost. 100 pages, 9x12. Price, 50 cents, postpaid. With AMERICAN POULTRY WORLD, One Year, \$.75. With AMERICAN POULTRY WORLD, Three Years, \$1.40.

All orders should be addressed to:—

AMERICAN POULTRY  
PUBLISHING COMPANY,

158 Pearl Street, Buffalo, N. Y.

### BLUE RIBBON FEEDS

The value of Blue Ribbon Poultry Feeds was fully demonstrated at the Greater Buffalo Show. The Connor's Poultry Farm uses Blue Ribbon Feeds exclusively and as their entries won both first and second prizes in the egg laying contest it would indicate that this brand of poultry grain and mash was properly proportioned for the best results.

These feeds are manufactured by the Globe Elevator Co., 97 Kentucky St., Buffalo, N. Y., who will be pleased to send descriptive literature and quote prices to all readers of this magazine.

\*\*\* You can not afford to subscribe for your magazines before consulting our Clubbing Catalogue—it saves you money—Send today for copy, it's free \*\*\*

## ROSE COMB BROWN LEGHORNS

First Prize Winners at Easton, Allentown, Bethlehem and Nazareth. None better. Some choice cockerels and pullets that can win, very reasonable. Eggs for hatching from pens containing winners \$3 per setting.

FEHR & STROHL,

R. R. No. 3,

EASTON, PA.

## LLENROCK S. C. RHODE ISLAND REDS

(FORMERLY ALT'S REDS)

At the Greater Buffalo Show, Thanksgiving week these noted REDS again demonstrated their superior quality by winning 1-3-5 cock; 3-5 hen; 1-3-4 cockerel; 4 pullet; 2-3-5 pen in a class of 118 S. C. Reds. This record together with their previous winnings at Toronto Exposition, New York State Fair, Toronto Winter Fair, etc., etc., stamps them as one of the strongest winning strains in the country to-day.

### DO YOU WANT TO WIN?

Let us quote you prices on a breeding male that will put quality in your flock, and put you in next season's list of winners. Don't Delay.

### NOW BOOKING EGG ORDERS

All stock grown on free range under ideal conditions on our 400 acre farm, insuring health, vigor and vitality. Write your wants to-day.

HOUCK & ALT.

87 Fuller St.,

BUFFALO, N. Y.

## 1913 PALACE CHAMPION BARRED ROCKS

The "best of all" prizes, **BEST DISPLAY** was awarded to **CANAVAN'S BARRED ROCKS** in the best class of this variety ever exhibited at the *New York City Palace Show*. My 1st prize cock was pronounced by experts to be a "star" specimen. He won the Club Special for best shaped male. A full list of my winnings will be furnished free to those who ask for it. I have a small surplus of choice stock, both exhibition and breeding birds, that have the correct blood-lines back of them to dispose of. They will go at low prices to quick buyers.

**EGGS \$5.00 PER SETTING**

P. CANAVAN,

PHILMONT, N. Y.

THE RECORD MADE BY

## MOORE BROS., S. C. WHITE LEGHORNS



At the Greater Buffalo Show, Thanksgiving Week in one of the largest and strongest classes of Leghorns ever assembled proves our strain possess the characteristics required of an exhibition White Leghorn viz; Type, Color, Headpoints, carriage and well furnished Tail's carried at the proper angle. Our complete winnings were—1-5 cock; 2-3-4 hen; 1-4 cockerel; 2-5 pullet; 1-2 pen. Best Display, etc., etc. (See *Frontispice*)

### YOU CAN WIN WITH OUR STRAIN

We have some selected utility pullets—egg producers for disposal—at moderate prices. Are now booking egg orders from our selected matings at \$2, \$5, \$10 per setting. Day-Old-Chicks from 15c. to \$1.50 each.

MOORE BROS.,

Box W,

MOSCOW, N. Y.





# GOVERNMENT WORK FOR POULTRY INDUSTRY

Conducted by Homer W. Jackson

In inaugurating this department it seems advisable first to take a general survey of the field of government work for poultry, explaining briefly the lines along which it is conducted, the conditions under which it is being done, and the difficulties that have to be met. With this knowledge we shall be much better able to understand and appreciate what our government workers are trying to do, the opportunities they have for doing it and what we may reasonably expect from them.

It is not the purpose of this department to take cognizance of any government work for poultry except that along research lines, though, as a matter of fact, our national and state governments are doing a great deal for the industry that cannot properly be classed under this head. Regular college courses of instruction, public lectures, poultry institutes, poultry cars and trains, demonstration farms and the more or less elementary bulletins and pamphlets that are issued in large numbers annually, are doing much to establish the industry on a practical and successful basis and are quietly revolutionizing the public attitude toward poultry keeping. To this phase of government work we can give little or no attention, our space being occupied almost wholly with a review of bulletins relating to experimental work with poultry.

Research work in poultry is conducted by the national government through the Department of Agriculture at Washington, and also in co-operation with various states at state agricultural experiment stations. Various state departments or boards of agriculture have taken a direct interest in promoting poultry keeping and one state board (Missouri) has recently established a poultry experiment station which exists independently of all connection with the regular agricultural experiment station of that state. In this connection also should be mentioned the Carnegie Institute at Washington, a semi-private organization, which maintains at Cold Spring Harbor on Long Island a department of experimental evolu-

tion where inheritance in poultry is being most carefully studied.

It is one of the peculiarities of the present situation with reference to research work with poultry that much of what is now being done is under the direction of men and women who have no direct interest in the poultry industry or connection with it. To them research work in poultry is merely a means to an end—poultry being used simply because it serves as an especially convenient medium for working out problems of interest to the biologist, the pathologist and other investigators along highly scientific lines. The fact that poultry can be used in this way is a fortunate circumstance for the industry, giving us, as it does, the direct benefit of much high-grade research work that few regular poultry departments are able to carry on. If some of this work seems ultra-scientific and if the attempt to apply present-day biological teachings to practical poultry breeding often results in "confusion worse confounded", there can be no question about the facts that it must in the long run be of great benefit.

## WHAT THE DEPARTMENT OF AGRICULTURE IS DOING

In the department of agriculture research work in poultry is only partially under the control of the division of poultry, which is a branch of the bureau of animal industry. This division has done some "field" work, generally in co-operating with the poultry departments of state experiment stations, chiefly along the line of studying various problems in marketing poultry products. On the national experiment farm near Washington some interesting experiments in breeding and feeding are under way.

In addition to the work of the division of poultry two other branches of the Department of Agriculture are following special lines of research work with poultry. In the bureau of pathology poultry diseases are receiving attention and the bureau of chemistry has done notable work in investigating the conditions affecting poultry and eggs in cold storage, and

in working out improved methods of preparing and marketing these products.

## WHAT POULTRY DEPARTMENTS OF STATE AGRICULTURAL EX- PERIMENT STATIONS ARE DOING

Each of our states has an agricultural college and an experiment station, the two generally being under the same direction or at least closely affiliated. These institutions are supported by state and national funds. About thirty-three of them are giving instruction in poultry husbandry and in most cases the poultry instructor in the college is also the poultryman of the experiment station—an arrangement which has resulted in some practical difficulties and, on account of certain peculiar conditions, has operated almost invariably to the disadvantage of the experimental side of the combination.

In the average agricultural college and experiment station it is expected (in theory) that the poultryman's time will be about equally divided between the instruction of students and research work. Unfortunately the demand for instruction has been so insistent and the number of students so great that opportunities to do research work have been greatly limited. There are many instructors who would be glad to undertake lines of original investigation who find their time, energies and equipment so absorbed by the demands of students that they have practically no opportunity for undertaking any but the simplest of research problems.

Moreover there are few poultry departments that have sufficient funds to conduct elaborate experiments and men who have time and opportunity for research work find it necessary to do simple, inexpensive work, most of which must be classed as demonstration rather than research. I am not prepared to say that this is to be regarded as a real misfortune, in all cases. Much elementary work has been needed—and still is needed, and while to many it hardly appears to measure up to the full dignity of "scientific research", it is difficult to see how we shall ever obtain the information unless the experiment stations secure it. And there is no better time for doing it than the present. It is good practice at any rate, and some of the experimental work that has been done has plainly indicated that practice is needed.

One of the most serious factors in this problem, and one that calls loudly for remedy, is the constant sniffling that is going on among the men engaged in this work. With a few notable exceptions changes in depart-



FASHION PLATE STRAIN

# BUFF ORPINGTONS

Line-bred, trap-nested and pedigreed for profit. A few hundred cockerels and pullets, finished and ripe for the best shows,—an equal number of first class breeders at *Special Prices*.

1914—ORPINGTON FASHION PLATE BOOK—1914

Our book for this season is the best ever issued on Orpingtons. Many High Schools and Colleges use it as a text where poultry husbandry is taught. 56 pages, Fashion Plate Buffs in colors, over 40 other illustrations, full description of our 28 yards and the price of stock and eggs, articles on trap-nesting, conditioning birds for show, breeding etc., *Free*.

A. E. MARTZ & SON, Buff Orpington Specialists.

Box E,

ARCADIA, IND



ment heads occur with such frequency that station directors wisely hesitate to approve experimental projects that cannot be completed within a limited time. It rarely is possible for one man to take up a line of investigation where another has dropped it. To those who are familiar with the facts the number of partially completed experiments that have had to be abandoned on account of a change in department heads, and the waste of resources and time necessitated thereby, are somewhat disheartening.

For the most part these changes are due to inadequate salaries paid to the men doing this work. No man perhaps is likely to be a valuable worker in this field who places salary ahead of opportunity for effective work, but on the other hand not many ambitious men are going to show so great devotion to "pure science" as to remain permanently in positions where their work is not rewarded by salaries that bear at least a remote resemblance to those that are continually being offered by other institutions or commercial concerns.

#### POULTRY DEPARTMENTS SUBORDINATE

In a number of instances the poultry work is organized as a division in the department of animal husbandry or dairying. This is partly a matter of economy and partly is due to the feeling that poultry husbandry is hardly ready for the dignity and importance of a full department. Poultrymen sometimes are disposed to represent the latter viewpoint and insist that the magnitude of the industry and the 5,000 or more students annually enrolled in poultry classes is proof that this work is entitled to fuller recognition and a larger share in the budget.

There may be instances in which this criticism is warranted, but I believe that, as a rule, poultry is being advanced quite as rapidly as circumstances warrant doing so. To state the case frankly (and I believe that this statement will be corroborated by a majority of those engaged in this line of work) there are comparatively few men who are ready for the duties and responsibilities of an independent department.

In the few instances in which our interests appear to be lagging, at least a measure of the responsibility for the condition lies at our own door. If poultrymen both as individuals and through their organizations will give the support to their state poultry departments that the latter have a right to expect things will move a little faster. It is not likely that college presidents and boards of trustees will feel impelled to push the interests of an industry when the men identified with it are indifferent about helping

to secure funds for the work, and certainly we do not want to demand increased appropriations for poultry at the expense of other departments.

#### SPECIALIZING IN POULTRY INVESTIGATIONS

As a sort of natural development rather than as the result of deliberate planning, the poultry departments of our state experiment stations have specialized more or less in their research work. The Maine station is famous for the work done in the study of the laws of heredity, particularly as relates to the inheritance of fecundity. Much other work has been done here, chiefly along biological lines. In Massachusetts the feeding of laying hens has been carefully studied. In Rhode Island poultry diseases have received special attention. In Connecticut efforts have been concentrated on bacillary white diarrhoea. In New York, at the Geneva station, the feeding of poultry has received careful attention for a number of years and at Cornell feeding and breeding problems have been investigated on a large scale. West Virginia has specialized on feeding and incubation and at Maryland diseases and housing have been considered. It should be borne in mind that the above statements are based on literature already published by these stations. In some instances changes have been made or other important lines of investigation undertaken, but as yet little or nothing has been given to the public.

Among the poultry departments in

state experimental stations not represented in the above list there are several that have done valuable work and there is reason to believe that the near future will see the publication of a number of most interesting bulletins from these sources. As they appear these bulletins are to be reviewed in this department and our readers thus kept in close touch with the latest information in this line, some of which promises to be of far-reaching importance to the practical everyday poultryman.

To careless and slipshod methods can be attributed more failures in the poultry business than from any other cause. Poultry keeping is a business in itself and business principles should prevail in its management. Any old way is good enough for some poultrymen and these are the ones that constitute a majority of the failures. The man that can tell you what it costs him per head per year to keep his flock and who can also tell the average returns per head is in a position to forestall financial loss, he keeps books with his hens in other words applies business principles.

#### AGENTS WANTED

Attention is directed to the advertising of the Cyphers Incubator Co., on page 227 of this issue. The Company desires to secure immediately agents in every farm community in the United States to represent them and sell Cyphers products to farmers and poultrymen. This is a grand opportunity for wide-awake readers of this publication to make big money during the next few months—perhaps earn the price of an incubator or two.

## WRAY'S WYANDOTTES WIN GOLDEN and SILVER

A limited number of eggs from special pens only. The strain that made them all famous.

WRAY BROS., Box W, LONDON, CANADA

## SUNNYBROOK FARM

EATONTOWN, N. J.

July 15, 1913

American Poultry World,  
Gentlemen:—

We wish to remind your readers that we have raised the largest crop of chickens in our experience to date. We NOW have WHITE and COLUMBIAN WYANDOTTES READY TO SHOW, and invite the correspondence of those who are anxious to win at their Fall Fairs and early shows. Our birds were never better than they are this year, and we are confident of pleasing our customers.

Yours hastily,

SUNNYBROOK FARM,

By *Charles D. Coleman*

## BYERS' STRAIN ORPINGTONS

BUFF, BLACK and PEARLY WHITE. No demand to great or competition too keen for me to meet. Catalogue free if you clearly state your requirements. Something new along the line of Prices, Quality and Service.

C. S. BYERS,

Orpington Specialist 15 Years,

HAZELRIGG, INDIANA



**THE IDEAL GRAIN SPROUTER**

All authorities admit that to get eggs in winter, green food in some form, must be fed, and sprouted oats have become very popular with poultrymen during the last few years. They are said to make ideal green food, but there is some bother attached to preparing them unless you are equipped with the proper apparatus. The Ideal Sprouter, manufactured by J. W. Miller Co., Box 602, Rockford, Ill., is highly recommended and it is claimed that it will produce sprouts 2 inches long in 24 hours. It is made in several sizes from a few hens up to hundreds. They have a special low prize offer that they desire to send to all readers of A. P. W. interested in green food. Better write today and mention this paper.

**MAMMOTH BRONZE TURKEYS**

A. G. Barlow, proprietor County Line Poultry Farm, Medina, N. Y., becomes an annual advertiser with this issue of A. P. W. Mr. Barlow breeds Columbian Wyandottes, S. C. Buff Leghorns and Mammoth Bronze Turkeys.

His exhibit of the later at the Greater Buffalo and Rochester, N. Y., shows attracted much attention and he reported many fine sales. Mr. Barlow's turkeys are especially vigorous and should put health and vigor in most any flock. Interested readers should write him for prices.

**ATTRACTIVE COOPING**

Much favorable comment was heard on the floor of the Greater Buffalo Show in regard to the cooping, and many prominent poultry breeders and judges pronounced it one of the best cooped shows they had ever visited. Geo. W. Webb, manager of the Genesee Cooping Co., Rochester, N. Y., feels very proud of his new line of coops and states that they are meeting with favor where ever used. Upwards of fifty shows used Genesee Cooping this season, and Mr. Webb advises that he has a force of men working full time assembling new coops in anticipation of a great increase in the demand for cooping next season. The Genesee Cooping Co. coop shows on rental and are prepared to handle any exhibition in the country. Secretaries should get into communication with this company at once and make arrangements for next season's shows.

**SILVER CAMPINES**

W. C. D. Frantz, Neffs, Pa., breeder of Silver Campines, becomes an annual advertiser with this issue of A. P. W. Mr. Frantz has exhibited several times this season and has been very successful in each instance.

He is now booking egg orders for later delivery and will be pleased to hear from A. P. W. readers who are interested in the breed.

**COLDS AND ROUP**

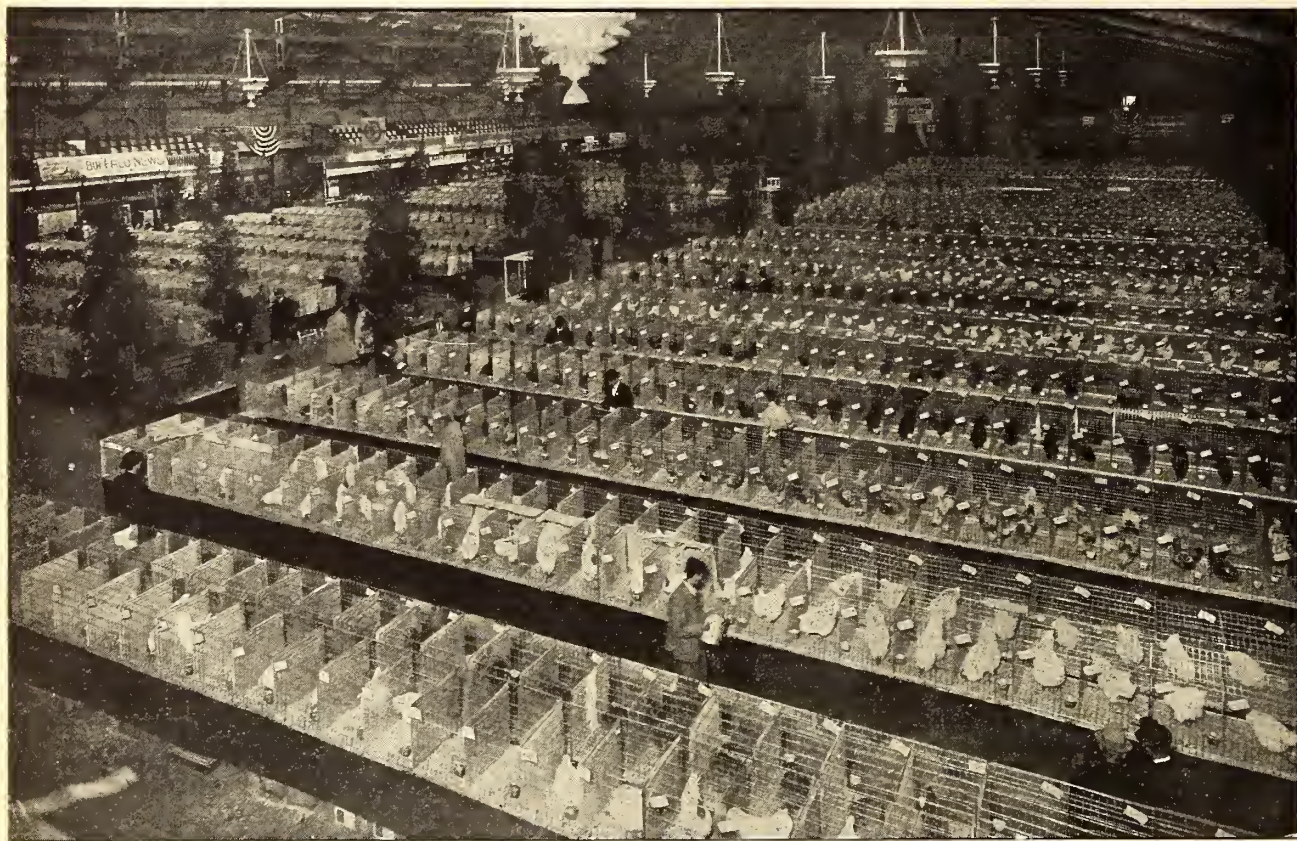
During winter when there are many sudden changes in the temperature and colds suddenly attack the chickens, it is advisable to have some reliable remedy on hand that they may be checked in the beginning, for this purpose Pratt's Roup Remedy is highly recommended. It is put up in either pill or powder form and sells at 25c to \$1.00 per box. They also put up Poultry Regulator, a tonic for fowls to keep them in the best condition. Both of these remedies are fully described in their free book No. 4109. Better ask for a copy today. Write Pratt Food Co., Philadelphia, Pa.

**WISCONSIN INCUBATOR**

The big free catalogue of the Wisconsin Incubator Co., Box 84, Racine, Wis., is now ready for distribution, and will be sent to any address upon receipt of a postal.

Besides a vast amount of valuable information for the poultryman, this book contains their special freight prepaid offer on incubators and brooders. Drop a card today and secure your copy.

\*\*\* How to feed and care for baby chicks is told in a comprehensive manner in the "Chick Book." Fifty cents secures a copy \*\*\*



As we entered the doors of the Broadway Auditorium, where the Greater Buffalo Show was staged during Thanksgiving week, our first impression was what a wonderful hall and how well it is fitted for shows of this nature.

It was a beautiful show to look at especially from the galleries where one obtained a full view of the arrangement and decorations. The accompanying photograph hardly does it justice, as only about one-half of the long rows of cages are in focus of the camera.

We have attended many of the best shows in this country and England, and we believe that the "Greater Buffalo Show" was one of the most beautiful and best caged shows we have ever attended. The long rows of cedars at the end of every other aisle, interspersed by gorgeous pots of chrysanthemums gave a very pleasing effect to the eye. Trees and plants always go in harmony with living things, be they birds or animals.

From the beginning of the broad center aisle, the visitor

was attracted by fine displays of the various breeds placed about 10 feet apart the entire length of the hall. Here we found, not only fancy poultry, but many of the rare varieties of waterfowl and cage birds, ranging from the interesting little humming bird to the great American eagle.

At the rear of the hall another unique and striking feature was brought out by displaying the turkeys upon the floor in separate cages. It was a show well worth the admission fee to anyone who was interested in any branch of the poultry, pigeon or pet stock industry.

The poultry supply industry was also well represented with a display of up-to-date appliances; an egg laying contest was also in progress between nine pens of five females each. This feature was especially interesting as the closing day of the show approached when the winners would be decided. It was a wonderful show in many ways, and we hope the management will continue its good work by equaling or surpassing its first show, for such shows help to build a bigger and better poultry industry.—A. O. Schilling.



## GREATER BUFFALO POULTRY SHOW

By William C. Denny

(Continued from page 158)

men attending the show there is every indication that the present selling season would prove a good one.

All the judges were well known and have had wide experience in the classes to which they were assigned. The list is as follows: W. B. Atherton, J. W. Andrews, A. J. Braun, Geo. H. Burgott, W. H. Card, Chas. D. Cleveland, Wm. C. Denny, Harlo J. Fiske, L. G. Jarvis, Wm. McNeil, Wm. F. Minich, F. D. Maunder, F. L. Platt, A. O. Schilling, James Glasgow, Geo. W. Webb.

On Tuesday evening an informal banquet was given to the exhibitors, judges and visiting poultrymen by the officers of the association. Covers for one hundred were laid and every seat was occupied. A splendid feeling of good fellowship prevailed and many new acquaintances formed and old ones renewed. After being entertained by cabaret performers with a programme of singing and dancing, President Moore as toast-master, called upon prominent poultrymen present. The general theme of the response was that opportunities abound for the success of a poultry show in Buffalo that has the backing of responsible and representative men of the poultry industry.

On Wednesday noon Geo. Urban, Jr., gave another of his famous luncheons to prominent poultrymen from the United States and Canada. Long before Mr. Urban became a dyed-in-the-wool fancier he was known among his associates in business and political life as the "prince of entertainers." Since he has turned attention to the poultry business, if it has been possible to do so, his reputation as a delightful host has been very much increased. The Urban Farms banquet has become the social event of the poultry show season. Each year Mr. Urban has made it a practice to give an informal luncheon to prominent poultrymen at Urban Farms, his home at Pine Ridge, located just beyond the Buffalo City limits. This year automobiles conveyed the guests from the poultry show, carrying sixty-five visiting poultrymen and a number of men prominent in Buffalo's commercial enterprises. On arrival at Urban Farms a visit was made to the old log cabin that has become noted because of the famous men who have been visitors, as well as for the enterprises that have become organized under its roof. Grover Cleveland, ex-president of the United States, was a frequent visitor and it was here that the Pan-American Exposition had its inception. After the visit to the log cabin the rounds of Mr. Urban's poultry houses were made and his flocks of Black Langshans, White Rocks, Silver and Golden Campines, Anconas and Ban-

tams were inspected by the guests. Following this the green houses were then visited after which came the banquet which included many unusual and appetizing viands.

The success of an undertaking is largely governed by the calibre of the men behind it and in this respect the Greater Buffalo Show is indeed fortunate. The company is organized for five thousand dollars and has as stockholders prominent business men and poultrymen of the United States and Canada. The officers are as follows: President, James O. Moore; Vice-President, H. A. Rose; Treasurer, H. W. Pottle; Secretary, J. H. Drevenstedt; Executive Committee, H. A. Rose, H. W. Pottle, Robt. H. Essex, Chas. H. Felthousen, H. W. Alt.

The reputation and experience of Secretary Drevenstedt among the exhibitors of poultry throughout the country without doubt was instrumental in attracting a splendid collection of exhibits. A. J. Braun who was Superintendent and Henry W. Alt as assistant, were in charge of the floor and the receiving and returning of exhibits. Their work was splendidly attended to and their efforts to please the exhibitors drew forth the commendation of exhibitors.

Before the close of the show, announcement was made that the show had been a financial success as well as in point in bringing to Buffalo a representative exhibit of poultry. On Friday of show week all prizes regular and special were paid to exhibitors

# Their Superiority Again Proven

Not being satisfied with the winnings made by our White Plymouth Rocks at **22 of the Largest Shows and 5 Exhibitions** we have again proven the superior quality of our fowls by winning

**At Cincinnati, Ohio, December, 1913**

*THEO. HEWES and W. W. ZIKE, Judges*

First, Fourth and Fifth Cock; First, Second, Third, Fourth and Fifth Hen; First, Second, Third and Fourth Cockerel; First, Second, Fourth and Fifth Pullet; First, Second and Third Old Pen; First, Second and Third Young Pen; Grand Special Best Display any and all varieties. Silver Cup for Best 2 Cocks, 2 Cockerels, 2 Pullets and 2 Hens. Silver Cup Best Display Plymouth Rocks; Grand Championship Cup for Best Plymouth Rock Cock, also Hen, Cockerel, Pullet and Pen. This is surely proof that

**U. R. Fishel's White Plymouth Rocks**

**"THE BEST IN THE WORLD"**

are better this season than ever before. Why fool your time and money away on fowls that cannot give you results when you can buy line bred, farm reared, strong, vigorous fowls at the same price. **We have over Eight Thousand** to select from. **Selected Breeders and Utility Fowls** that will come as near producing two eggs a day as any fowl. **Send 25 cents** for 64-page Book, telling all about

our 120 acre farm of White Plymouth Rocks. **Eggs \$10.00 per 15.** Sale Stock Eggs \$10.00 per 100. **Baby Chicks \$25.00 per 100, \$15.00 for 50, \$8.00 for 25.**

**U. R. FISHEL,**

**Box B,**

**HOPE, IND.**





present and since that time every exhibitor has received a check to cover his or her winning. \$1200 in gold was offered as special prizes and the liberality of the management in this respect was very unusual. On Friday of show week a large banner announcing that next year's show would again be held Thanksgiving Week, November 23-28, 1914, was given a prominent position in the hall.

#### COMMENTS ON CLASSES

Williams Bros. & Brace of Fullerton, Calif., made three entries in S. C. Brown Leghorns and won 1 cock; 2 and 5 cockerel. The style and beauty of color of the birds shown by this firm attracted general attention, especially from the Brown Leghorn breeders who were present in considerable numbers.

John W. Ward, Jr., Pennington, N. J., exhibited a large string of Cornish and won the major portion of the prizes. While at Buffalo, Mr. Ward told us that the interest in Cornish fowl was rapidly increasing. He mentioned three exhibitions that had taken place during the 1913 fall show season where 214 birds had been exhibited by 23 exhibitors. Mr. Ward recently returned from England with a large string of birds that he purchased on the other side of the big pond.

Wadsworth & Caster of Wolcott, N. Y., breeders of R. C. Rhode Island Reds, on five entries, one in each class, won 1 cock; 2 hen; 4 cockerel and 3 pen. This firm has been breeding R. C. Reds a number of years and have a successful show room record. They are offering some fine breeding birds at very reasonable prices.

Urban Farms of Pine Ridge, Buffalo, N. Y., made a splendid record in White Rocks winning 1-2 pen; 1-2 cock; 1-2-4 hen; 2-4 cockerel and 2 pullet. Also, special for best male, special for best female, and special for best display. With the exception of the 5th prize cockerel, every prize winner in the White Plymouth Rock class was either by stock raised or from eggs sold by Urban Farms. These farms were also successful exhibitors in the Langshan, Ancona, Campine, Houdan and Bantam classes.

W. M. Anderson, manager, was in charge of the Leghorn exhibit made by Turtle Point Farms, Saratoga Springs, N. Y., breeders of Single and R. C. Brown and White Leghorns, Black Leghorns and Silver Leghorns. They made important winnings in all the classes in which they were entered, particularly in R. C. Brown and White Leghorns, S. C. Black Leghorns and Silver Leghorns. Mr. Anderson informed us that the demand for Black Leghorns was splendid and also that they were selling a large number of R. C. White and R. C. Brown Leghorns. Turtle Point

Leghorns have been blue ribbon winners at New York, Boston and Chicago. A forty-eight page catalogue illustrating and describing their stock and giving particulars will be sent to intending customers.

Chas. D. Cleveland, Secretary of the Madison Square Garden, N. Y., Show, placed the awards on all the Wyandottes, excepting the White and Columbian varieties which he exhibited. In Columbians he won all five firsts, four seconds, one third and one fourth. In fact he won every prize competed for excepting third prize pullet. Mr. Cleveland's entire exhibit both in Columbians and Whites was of splendid quality and were shown in fine condition.

C. E. Riley, 749 Fillmore Ave., Buffalo, N. Y., made a small exhibit of R. C. Rhode Island Reds which he breeds exclusively. Last spring Mr. Riley moved his poultry plant to larger quarters. As moving time came about the time of hatching season he did not succeed in getting out as many early birds as usual. His old and young stock exhibited at the Buffalo show was not as far advanced as usual and as a result the better conditioned birds won over him. Mr. Riley has bred R. C. Reds for a number of years and reports that he has some splendid stock for sale.

Wm. Reepmeyer of Cohoes, N. Y., who has been prominent as a breeder of S. C. Brown Leghorns, won 2-4 pen in a strong class of S. C. Brown Leghorns. Mr. Reepmeyer has been successful in breeding a strain of Brown Leghorns that have been successful in winning the coveted prizes at eastern shows of recent years. His winning pens at Buffalo contained some very choice specimens that matched well in type and color.

W. M. Pattison, proprietor of Red Jacket Poultry Farm, Penn Yan, N. Y., entered a string of White Faverolles, Speckled and Red Sussex and won a number of important prizes. Mr. Pattison is especially enthusiastic over the Faverolles and Sussex. He is in favor of the Faverolles having clean legs and four toes and on these points will have a number of supporters when it comes to adopting a club Standard. According to his experience the White Faverolles grow quickly, mature early and are splendid layers. In his Sussex exhibit we fancied an immature pullet that was one of the best that we have seen in color. She also possessed good type and was in every way an attractive

#### FISHER'S S. C. W. LEGHORNS

at N. Y. State Fair, Sept. 1913 won 2nd and 3rd pen; 5th hen. Now hooking orders for Eggs and Baby Chicks for Spring Delivery. White and Fawn and White Indian Runner Ducks. Booklet Free.

A. FISHER, R. No. 2, W. CANASTOTA, N. Y.

#### Championship Strain of

### SINGLE COMB RHODE ISLAND REDS

Best quality, breeding stock for sale now.

Old and young. Write for prices.

H. P. DEMING, ROBERTSVILLE, CONN.

## SUNFLOWER

Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, showy and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25c postpaid. With every 25 cent order we will include a copy of **GOOD POULTRY** magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25c a year. Order now; write tonight for bargain seed list, C, of vegetable and field seeds.

SHOREWOOD FARMS CO., Saugatuck, Mich.

#### Eggs and Baby Chicks From

### FOGG'S SINGLE COMB WHITE LEGHORNS

All our breeders this season are old birds, they produce the strongest chicks—*The Kind That Live*. If you want the most for your money, send for mating list now. Safe arrival of chicks and eggs guaranteed. Can furnish some fine breeding pens and cockerels at right prices.

N. V. FOGG,

Box W,

MT. STERLING, KY

### AYERS' COLUMBIAN WYANDOTTES

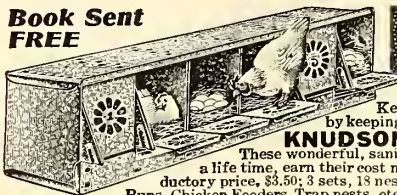
At Grand Central Palace, N. Y. City, Dec. 2-6, 1913, in the largest class of Columbians shown this season, won 1st Cock in a class of 15, 3rd Cockerel in a class of 19 (lost 1st prize by lack of finish), 3rd Pen and 3rd Display. As many firsts as any competitor and second highest number of points on males. At Holyoke, Mass., the same week as the Palace show, with another string of birds I won 1st Cock, 2nd and 3rd Hen, 1st, 3rd and 4th Cockerel, 2nd Pullet, 1st Pen, 1st Display and more points than the combined number of my five competitors. I have won 1st prize cock at nine consecutive shows and with six different cocks. Also 1st prize hen at 16 of the 18 consecutive shows. Best Display at 8 consecutive shows. Stock on approval.

LEVI A. AYERS,

Box E,

GRANVILLE, N. Y.

Book Sent  
FREE



## Lice-Proof Nests

### HAPPY HENS EARN BIG PROFITS

Keep your hens happy, get more eggs, make them pay you better by keeping them free from lice and mites, by equipping laying houses with

### KNUDSON Galvanized Steel LICE PROOF NESTS

These wonderful, sanitary, patented nests (not a trap nest) can't get out of order, last a life time, earn their cost many times over. Regular price, \$3.90, set 6 nests—special introductory price, \$3.50; 3 sets, 18 nests, \$10. Write for free catalog, Gal. Steel Brood Cocks with Runs, Chicken Feeders, Trap nests, etc. Knudson Manufacturing Co., Box 547 St. Joseph, Mo.

## TRACEY'S ROSE COMB WHITE MINORCAS

In the best class of R. C. White Minorcas ever shown at the Palace and one of the best shown anywhere, we won 2nd cock; 2-4 hen; 2-3 cockerel; 2-5 pullet; first pen and Ten Dollar Gold Special for *Best Display*. Rose and Single Combs competing, Judges Denny, Cosh and Northrop said, "The classes were truly representative of the the great Minorca family and our exhibit was the best individual exhibit they ever saw." Our *Rhode Island Reds* are very well known and were strictly in evidence among the winners. A few choice specimens in both varieties for sale. Eggs from best Pens 5 and 10 Dollars per sitting.

GEORGE W. TRACEY,

Box W,

KINDERHOOK, N. Y.



specimen. Mr. Pattison breeds Silver and Golden Campines and Mille Fleur Bantams. He has some stock for sale and will be pleased to send particulars to interested persons.

In the strong White Wyandotte class Onlya Farm, Florham Park, N. J., won 1 cock; 1 hen; 3 cockerel; 3 pullet and 2 pen, and carried off the coveted Gold Special for best display. Mr. Philip Kearny, proprietor of Onlya Farm, was in personal charge of the exhibit. He reported a splendid selling season and said that the demand for White Wyandottes was steadily increasing. Few breeders of White Wyandottes exhibit as extensively during the show season as Mr. Kearny. His birds are usually found in the thickest of the fight and when the battle is over usually have their share of the prizes. Mr. Kearny informed us that entries had been made for both the Palace and Madison Square Garden Shows for this season. We were also pleased to hear him say that the demand for White Wyandottes was steadily increasing.

S. H. Harter of Nescopeck, Pa., won four of the five prizes awarded in Buff Plymouth Rocks. As usual his birds showed the soft golden buff that have distinguished his birds and made them conspicuous winners at Madison Square Garden, New York State Fair and elsewhere. Mr. Harter has had wide experience in breeding Buff Rocks. He is offering some choice breeding and exhibition birds for sale at reasonable prices.

The S. C. White Leghorn class brought out some splendid quality. Moore Bros., of Moscow, N. Y., won 1 cock; 2 hen; 1 cockerel; 2 pullet; 1 pen, in addition to numerous other prizes in different classes. They also won the \$25.00 Gold Special for best display. Mr. Moore reported that they had very little surplus stock to sell, but that they would take orders for eggs for hatching and day old chicks. As an illustration of the quality of their baby chicks, Mr. Moore told us that the first prize cock at the Buffalo show was sold by them as a day old chick for 50 cents, later on he was purchased by Moore Bros., for \$30.00. Mr. Moore values this bird very highly and would not accept an offer of \$200.00 for him. In fact, he said he was not for sale at any price. Mr. Moore also reported that the sire of the first prize cockerel of Buffalo was sold as a day old chick for 25c and was later repurchased. This bird sired the first prize cockerel at Buffalo, the second prize pullet, two pullets in the first pen, two pullets in the second pen and 15 other high class pullets and five cockerels worth in all over \$1,500.00.

Marshall & Marshall of Niagara Falls, Ont., breeders of "Niagradot"

White Wyandottes, won 2 pullet in a hot class of 38 specimens with a bird that was hard to criticize. She had splendid type, beautiful color, neat head and rich yellow legs and was much admired by all of the breeders present. Marshall & Marshall have been breeding White Wyandottes for a number of years and the birds in their exhibit showed uniformity of type and color. Mr. A. P. Marshall was present during show week and informed us that they were in a position to furnish splendid quality in cocks, hens, cockerels and pullets at reasonable prices. They will furnish full particulars on request.

Maplewood Poultry Yards, Attica, N. Y., breeders of S. C. White Leghorns and Pekin Ducks, made ten entries and won ten prizes on Pekin Ducks. Their Ducks had remarkable size, were good color and were thrifty looking. On S. C. White Leghorns they won 3rd in a class of 18 cock birds with a typical specimen that possessed gold head points, yellow legs and nice white plumage. Supt. Harry W. Hayner informed us that their breeding yards for the coming season would contain more high class specimens than ever before and that they were booking orders for eggs for hatching and day old chicks both in S. C. White Leghorns and Pekin Ducks. Maplewood Poultry Yards are closing out their White Wyandotte stock and have some real bargains in hens and pullets, also a few surplus cock birds that they will sell at bargain prices in order to quickly close them out.

Manhattan Farms, Geo. E. Noeth, proprietor, Brighton, N. Y., made a large exhibit of both Silver and Golden Campines and in large classes won six of the ten first prizes awarded in these two varieties. Few men have done as much as Mr. Noeth to improve the Campines in America. He started in to secure the best birds to be obtained in England and Belgium. With these birds as a nucleus he is

## WHITING'S ROUPENE ACTUALLY DOES CURE ROUP

Even the worst cases, even DIPHTHERITIC ROUP and CANKER. We don't care how bad the case is so long as the bird is not in the last gasp of death.

ROUPENE WILL CURE and leave no weakening or bad after effects in the bird or its progeny.

You'll find chickens now in most flocks with scabby sores on head. They are contagious; rub them off and use ROUPENE. Swollen heads and running eyes mean roup—use ROUPENE.

### We Guarantee a Cure or Refund Money.

WHITING'S ROUPENE destroys the roup germ. It takes right hold and cures without fuss or delay. Prevents contagion. You do not have to quarantine the diseased birds.

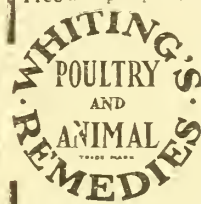
ROUPENE not only cures Roup, Canker and Diphtheritic Roup, but it also cures Sorehead, Limberneck, Colds, Chicken Pox and Pip. 50c. and \$1 per bottle. All dealers or mailed by us on receipt of price. New BOOK FREE on request.

### FREE TRIAL OFFER

SEND US TODAY

Your name and address, and we will mail you Free and postpaid, a FULL TREATMENT of

ROUPENE, enough to treat your worst case and prove to your entire satisfaction that ROUPENE DOES CURE ROUP.



O. K. Company

Dept. 38,  
157 Water St.,  
NEW YORK CITY

Be prepared to raise practically every normal chick you hatch by buying at once a 50c bottle of Whiting's White Diarrhoea Remedy. It cures and prevents White Diarrhoea and bowel troubles and makes vigorous, fast growing, early maturing chicks.

## WE PAY THE FREIGHT on Blue Ribbon Poultry Feeds

NO MATTER HOW FAR NO MATTER HOW NEAR

We give you the right prices and Pay the Freight. A Feed for every age and every need—Get the Habit and Use Blue Ribbon Poultry Feeds.

Write us today for our special Breeder's Price List, freight prepaid. We stand your mailing expense on all orders.



GLOBE ELEVATOR CO., 97 Kentucky St., Buffalo, N. Y.

## WOODCREST PARTRIDGE WYANDOTTES

Mr. Breeder! Do you know that last season my Cocks, Cockerels and Hens won every first prize and championship at Boston, Providence, Springfield and other large shows? I have 500 of the finest chickens you ever saw, bred from these champions and raised on free range. Does that tell you where to get the best in young stock? I can sell you and please you with birds from \$5.00 upwards. You need this strain to win.

CHARLES H. WOOD,

340 Main Street,

WORCESTER, MASS.



## AT NEW YORK STATE FAIR SEPTEMBER 1913 FAIRVIEW WHITE ROCKS

Make sensational win as follows, after traveling three days without feed or water and being judged in less than two hours after arriving at the fair; First Old Pen, Third Young Pen, First and Fourth Cock, Second and Third Hen, Third Cockerel and First and Fifth Pullet. Just think of this! In all I exhibited twenty birds and seventeen of them were in the winnings. I won more firsts than any of my competitors and as many firsts as all my competitors combined. I have 1000 young birds with the blood lines of these and other winners and as I will not exhibit any more this year, I can furnish winners for any show, anywhere. Write your wants and mention American Poultry World.

GUY DAILY,

Box G,

JEFFERSONVILLE, IND



putting forth every effort to build up a strain of hearty, vigorous birds that will uphold the reputation that the Campines have established as egg producers. From an exhibition standpoint the quality of his birds has never been questioned. His entries at Madison Square Garden, Palace Show and elsewhere have won the greatest prizes awarded. Mr. Noeth is president of the American Campine Club and his forceful character has entered into the success of that organization to no little degree.

Houck & Alt, Buffalo, N. Y., breeders of S. C. Rhode Island Reds, made a record by winning first prize on cockerel at Buffalo for the fourth time in succession. This bird had nice type, deep rich color and was well developed. Their first prize cock bird was deep rich red and very even in color. He had splendid wing markings, good tail color and nice shape. In all Messrs. Houck & Alt won 12 regular prizes, including two firsts as against thirteen prizes for all their competitors combined. They are especially strong in males and have some choice birds for sale.

Hillhurst Poultry Farm, Orchard Park, N. Y., exhibited an attractive pen of S. C. White Leghorns. The birds matched well in type and were headed by a choice male. They also breed Columbian Wyandottes and with this variety have been successful in winning coveted honors at Madison Square Garden, Buffalo and elsewhere. We did not see manager J. B. Casterline during show week, but understood that they are offering some choice stock for sale and they are booking orders from selected matings.

Henderson & Billings of St. Marys, Ont., were successful exhibitors of S. C. Buff and Single and R. C. Brown Leghorns. They won a number of prizes including 1-2 prize Buff pullet; 1-4 R. C. Brown pullet, and other important prizes. Their first prize R. C. Brown pullet possessed beautiful color, being a soft brown free from shafting on back and wings. Had nice breast, good hackle and very good shape.

Stuart Haddock, proprietor of Grannock Farms, Poughkeepsie, N. Y., breeder of S. C. White Leghorns, exhibited a splendid string at Buffalo and won among numerous other prizes, 2 cock; 1 hen; 2 cockerel; 1-3 pullet. Mr. Haddock's first hen and first pullet were splendid examples of the type that has made the S. C. White Leghorns so popular as an exhibition fowl. They had neat heads, yellow legs, pure white plumage. Both his second prize cock and second prize cockerel were close up to the winners. His cockerel was an especially stylish and attractive bird with a neat head, a good color and splendid carriage. Mr. Haddock's birds have been winners at Boston, Albany and Trenton. He is now advertising breeding cockerels and pullets at reasonable prices. These birds he will send on approval. He also has a large number of utility pullets that he will sell at a price so that they should pay for themselves in the eggs they will produce in three months time.

Fehr & Strohl of Easton, Pa., made five entries in R. C. Brown Leghorns and won five regular prizes. Their first prize cockerel was a stylish bird of handsome color with good head points. Their 3rd prize pullet was very even in color over the back and wings, had good hackle markings and a nice colored breast. The birds

in their second prize pen were evenly matched and very close up to the winners.

E. M. Dutton of Newfane carried off many of the first prizes in both Single and R. C. Reds, winning three of the five first prizes; pen, pullet and cockerel in R. C. Reds and two first prizes, pen and pullet in Single Comb Reds. Mr. Dutton has succeeded in producing very uniform color in his birds. They also have neat heads, good shape and are of Standard size. There has been a tendency on the part of some breeders to favor over sized Reds. If persisted in, this will prove dangerous to the welfare of the breed. Rhode Island Reds to do their best as a utility fowl should not be larger than the Standard weights now called for. During the show Mr. Dutton made a number of sales including four birds for \$250.00.

Wm. Cook & Sons, Scotch Plains,

N. J., had a splendid exhibit of Orpingtons and won ten out of seventeen firsts for which they competed. Mr. Percy Cook was in personal charge. As usual their string included a number of high class specimens. The first prize Buff cockerel was unusually fine in type and though a trifle dark was very even in color. The first prize Buff pullet was of a soft golden shade that caused her to be

## 5 PACKETS FLOWER SEED FREE TO YOU

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Eggs for Hatching from the Champions of the Buff Rock Club Meeting.  
This is your chance to get something good.

VIERHELLER BROS., 71 Sylvania Ave., PITTSBURGH, PA.

### America's Best SILVER DUCKWINGS & S. C. BUFF LEGHORNS

I will not show at all this season. Stock for sale in singles, Trios & Pens of these two great egg Machines. Write me if in need stating just what you want.

THOS. PEER, Sec'y - Treas. National S. C. Buff Leghorn Club, CALDWELL, N. J.

## Plymouth Rocks Only

JOS. KORTLANDER,

GREAT NECK, L. I.

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Again wins, 50 regular and special prizes at the 1913

Brockton Fair. We are offering stock in R. C. & S. C. R. I. Reds, Pekin, Rouen, Indian Runner Dux and Embden Geese at very low prices, all birds sent on approval.

### WHITE BIRCH POULTRY FARM, BRIDGEWATER, MASS.

## Harter's Imperial "Golden" Buff Plymouth Rocks

Win Special for Best Display at the Great New York State Fair Sept. 8 - 13 - 1913

Complete winnings were as follows:— 1 cock, 1-3 hen, 3 cockerel, 1 pullet, 2 pen old, 2 pen young. In a class of 115 said by breeders and judges to be the strongest class ever exhibited at the N. Y. State Fair. Do you want some of this quality? It will win for you. I have several hundred head of choice cockerels and pullets now fit for showing. Write me for prices and say when and where you wish to exhibit.

NESCOPECK POULTRY FARM, S. H. Harter, Prop., Box W, NESCOPECK, PA.

## "THE FEATHERED WORLD" YEAR BOOK, 1913

768 pp. Fully Illustrated with Photographs of the Leading Birds of the Year.  
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"The Feathered World," 9 Arundel St., Strand, London, Eng.



admired by all who are interested in Buff color. The first prize White Orpington cockerel was a massive bird with good shape and splendid color. He was an easy winner. Mr. Cook's second prize pullet was close up and would probably have been awarded first had she been in full feather. In this respect only was she behind the winner.

Brakendale Farms, Hugh A. Rose, proprietor, Font Hill, Ont., was one of the largest exhibitors showing a large string of Bantams, White Faverolles, Cochins and the Standard varieties of Polish. Manager Frank Conway was in charge of the exhibit. He announced that they had a surplus of Bantams to sell and that they were well prepared to furnish exhibition and breeding birds in Black and Buff Orpingtons of which Mr. Rose makes a specialty. He announced that entries of Black and Buff Orpingtons had been made at both Chicago and Madison Square Garden Shows.

Low H. Bown of East Aurora, N. Y., breeder of the Aurora Strain of Columbian Plymouth Rock, exhibited a splendid string of this variety and won a goodly share of the prizes. Some of Mr. Bown's birds were not as well matured as the winners, but showed splendid type and good color. Mr. Bown has a surplus of both young and old stock that he will sell at reasonable prices, quality considered. For a number of years Mr. Bown has been working on Columbian Leghorns, and had on exhibition a trio of birds that showed good Leghorn type and fair markings. This was particularly so of wing and tail color.

F. G. Bean of Collegeville, Pa., who has done a great deal to improve Columbian Plymouth Rocks, was not at the show, but his birds were there and they made a great record. In addition to winning the \$25.00 Gold Special for best display of Columbian Plymouth Rocks, Mr. Bean's entries also won \$25.00 Gold Special for best display Plymouth Rocks any variety. His first prize cock bird is probably the best bird of the variety that has been produced to date, was a typical Plymouth Rock in every respect with beautiful hackle, splendid wing, grand tail and very white top color with just enough striping in the saddle to be correct. He was undoubtedly the star of the Columbian Plymouth Rock exhibit.

The Bronze Turkey exhibit drew out splendid competition including a number of birds of high quality. A. G. Barlow of Medina, N. Y., made eight entries and won eight regular prizes including both first and second cockerel and pullet. Mr. Barlow's birds have good size and bone, as well as high color. He has some surplus stock to dispose of and intending purchasers will do well to write him for prices.

Nickerson Bros., of Earlville, N. Y., proved the surprise party in the White Wyandotte class. In addition to entries in the open classes they entered one pen that easily carried off the coveted "blue". Every specimen in the pen was a splendid Wyandotte, pure white color, good heads and rich yellow legs, shown in the pink of condition. Every one of their three entries in the cockerel class was a splendid specimen and Judge Andrews was compelled to give them more than passing consideration in selecting the first, second and third prize winners.

#### WINNINGS OF A. P. W. ADVERTISERS AT THE GREAT BUFFALO SHOW

**WHITE PLYMOUTH ROCKS**—Urban Farms, 1-2 cock; 1-2-4 hen; 2-4 cockerel; 2 pullet; 1-2 pen. Theodore Poole, 5 cockerel.

**BUFF PLYMOUTH ROCKS**—D. P. North, 4 cock; 2-4 cockerel; 1-2 pullet. Nescopeck Poultry Farm, 1-3 cock; 1-2-4 hen; 1-5 cockerel; 3-4 pullet; 1 pen.

**COLUMBIAN PLYMOUTH ROCKS**—Lew H. Bown, 5 cock; 5 hen; 2-4-5 cockerel; 4-5 pullet; 2-3-4 pen. F. G. Bean, 1-2-3-4 cock; 1-2-3-4 hen; 1-3 cockerel; 1-2 pullet; 1 pen.

**WHITE WYANDOTTES**—Onlya Farm, 1 cock; 1 hen; 3 cockerel; 3 pullet; 2 pen. Nickerson Bros., 5 hen; 4-5 cockerel; 1 pen. Sunnybrook Farm, 3-4 hen; 5 pullet. Marshall & Marshall, 2 pullet.

**COLUMBIAN WYANDOTTES**—Sunnybrook Farm, 1-2 cock; 1-2-3 hen; 1-2 cockerel; 1-2-4 pullet; 1 pen.

**S. C. RHODE ISLAND REDS**—Houck & Alt, 1-3-5 cock; 3-5 hen; 1-3-4 cockerel; 4 pullet; 2-3-5 pen. E. M. Dutton, 2 cock; 2 cockerel; 1 pullet; 1 pen.

**R. C. RHODE ISLAND REDS**—Wadsworth & Caster, 1 cock; 2 hen; 4 cockerel; 3 pen. E. M. Dutton, 3 hen; 1 cockerel; 1-3 pullet; 1-2 pen.

**S. C. BROWN LEGHORNS**—Henderson & Billings, 4 cock. Williams Bros. & Brace, 1 cock; 2-5 cockerel.

**R. C. BROWN LEGHORNS**—Turtle Point Farm, 5 cock. Henderson & Billings, 2-4 hen; 2 cockerel; 1-4 pullet. Fehr & Strohl, 3 cock; 5 hen; 1 cockerel; 3 pullet; 2 pen.

**S. C. WHITE LEGHORNS**—Stewart Haddock, 2-4 cock; 1 hen; 2 cockerel; 1-3-4 pullet; 3-4 pen. Maplewood Poultry Yards, 3 cock. Moore Bros., 1-5 cock; 2-3-4 hen; 1-4 cockerel; 2-5 pullet; 1-2 pen.

**R. C. WHITE LEGHORNS**—Turtle Point Farm, 1-3-4-5 cock; 4-5 hen; 5 pullet; 1 pen.

**S. C. BUFF LEGHORNS**—Henderson & Billings, 1-2 cock; 5 hen; 4 cockerel; 1-2 pullet.

**S. C. BLACK LEGHORNS**—Henderson & Billings, 2 cock; 1-2 hen; 3-4 cockerel; 5 pullet. Turtle Point Farm, 3-4-5 cock; 4-5 hen; 1-2 cockerel; 1 pullet; 1 pen.

**SILVER DUCKWING LEGHORNS**—Turtle Point Farm, 1 hen; 1 cockerel; 1 pullet.

**BLUE ANDALUSIANS**—Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 1 pullet.

**ANCONAS**—Urban Farms, 4 pullet; 2 pen.

**S. C. BUFF ORPINGTONS**—Wm. Cook & Sons, 3 cock; 4 hen; 1 cockerel; 1 pullet; 1 pen.

## LITTLE'S ROSE COMB REDS

If you wish to improve your strain, send for mating list. Eggs or Stock.

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I have exhibition birds fit to win at any show in the country, bred from my Madison Square Garden winners. Write me just what you need and I will do my best to fill your wants at a reasonable price.

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## QUALITY WHITE WYANDOTTES

Winner championship of the state over all breeds won first and second pen, third cock, first hen, first cockerel, third and fourth pullets at New Haven's great quality show, 1912. Exhibiting three birds at New London won first cock, first hen, first cockerel. Showing but one cockerel at Albany's White Wyandotte show, won third place. At Guilford show, the official American Poultry Association show in this state, won the sweepstakes of the show and the state and the American Poultry Association gold medal for best cockerel in the state, also first and second cock, first and second hen, first and third cockerel and first pullet, showing but eight birds. Have won more than thirty specials outside of shape and color specials. Eggs sold from this stock in settings only at \$5 per setting.

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## VINCENT'S BUFF ROCKS

Win at the Great Allentown Fair, 1-5 Cocks; 4-5 Hens; 1-4 Cockerels; 5 Pullet and 1 Pen. Choice lot of birds for sale. For Utility and Exhibition. Satisfaction guaranteed.

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"Tywacana Quality" means heavy laying ability combined with fine marketing qualities and "Standard of Perfection" requirements. Improve your flock or start anew with some hardy and vigorous day-old chicks, breeding stock or eggs for hatching from

### TYWACANA White Leghorns, Barred and White Plymouth Rocks

Book your order now for eggs or day-old chicks, as the demand for "Tywacana Strain" stock is increasing each season. Tywacana Baby Chicks and Eggs are shipped in strong, light, safe and sanitary boxes especially designed to save transportation charges and insure protection of chicks or eggs during long shipments.

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A. E. Wright, Supt. Box 60 Farmingdale, L. I., N. Y.





S. C. BLACK ORPINGTONS—Wm. Cook & Sons, 1 cock; 1 hen; 2 cockerel; 1 pullet; 2 pen.

S. C. WHITE ORPINGTONS—Wm. Cook & Sons, 1 cock; 2 hen; 1-2 cockerel; 2 pullet; 2 pen.

LIGHT BRAHMAS—Brakendale Farms, 1 cock; 3 hen; 1 cockerel; 2 pullet.

DARK BRAHMAS—Brakendale Farms, 1 hen; 1 cockerel; 1 pullet.

WHITE COCHINS—Brakendale Farms, 1-2 cockerel; 1-2 pullet.

BLACK COCHINS—Brakendale Farms, 1 cock.

BLACK LANGSHANS—Urban Farms, 1 cock; 2-3-4 hen; 2-4 cockerel; 2-4-5 pullet; 1-3 pen.

HOUDANS—Urban Farms, 1 pullet; 1 pen.

WHITE CRESTED BLACK POLISH—Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 3 pullet.

BEARDED GOLDEN POLISH—Brakendale Farms, 1 cock; 1 hen; 1 pullet.

BEARDED SILVER POLISH—Brakendale Farms, 2 cock; 1 hen; 1 cockerel; 1 pullet.

BEARDED WHITE POLISH—Brakendale Farms, 1 cock; 1 hen 1 pullet.

BUFF LACED POLISH—Brakendale Farms, 1-2 cock; 1-2-3-4 hen; 1 cockerel; 1 pullet.

NON-BEARDED GOLDEN POLISH—Brakendale Farms, 1-2 cock; 1-2 hen; 1 cockerel; 1 pullet.

NON-BEARDED SILVER POLISH—Brakendale Farms, 1-2-3-4 cock; 1-2-3-4 hen; 1 cockerel; 1 pullet; 1 pen.

NON-BEARDED WHITE POLISH—Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 1 pullet.

DARK CORNISH—John W. Ward, Jr., 1-5 cock; 3-5 hen; 1-2 cockerel; 3 pullet; 1 pen.

WHITE CORNISH—Brakendale Farms, All Firsts.

BLACK SUMATRAS—Brakendale Farms, All firsts.

WHITE SILKIES—Urban Farms, 2 cock; 1-3 hen; 2 cockerel; 2-3 pullet. Brakendale Farms, 1 cock; 2 hen; 1 cockerel; 1 pullet.

WHITE SULTANS—Brakendale Farms, All Firsts.

SILVER CAMPINES—Manhattan Farms, 2-4-5 cock; 1-2 hen; 4 cockerel; 1 pullet; 1 pen. Urban Farms, 4 hen; 3 pen.

GOLDEN CAMPINES—Manhattan Farms, 1-2 cock; 1-3-4 hen; 2-3-4 cockerel; 2-3-4 pullet; 1 pen. Urban Farms, 2-5 hen; 5 pullet.

JUBILEE ORPINGTONS—Wm. Cook & Sons, 1 pen.

BLUE ORPINGTONS—Wm. Cook & Sons, 1 pen.

SUSSEX, ANY COLOR—W. M. Patteson, 3 cock; 2-3 hen; 1 pen.

WHITE FAVEROLLES—W. M. Patteson, 2 cock; 2 hen; 2 cockerel; 2 pullet. Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 1 pullet.

GOLDEN SEBRIGHT BANTAMS—Brakendale Farms, 3 cock; 3 hen; 1 cockerel.

SILVER SEBRIGHT BANTAMS—Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 1 pullet.

BOOTED WHITES—Brakendale Farms, All Firsts.

LIGHT BRAHMAS—Brakendale Farm, 1 cock; 1 hen; 1 cockerel; 1 pullet.

DARK BRAHMAS—Brakendale Farms, All Firsts.

B. TAILED JAPANESE—Urban Farms, 2-3 cock; 2-3 hen; 2-4 cockerel; 3-4 pullet; 1-2 pen. Brakendale Farms, 1 cock; 1 hen; 1 cockerel; 1 pullet.

WHITE JAPANESE—Brakendale Farms, All Firsts.

BLACK JAPANESE—Brakendale Farms, All Firsts.

ANY OTHER COLOR JAPANESE—Brakendale Farms, All Firsts.

BEARDED W. POLISH—Brakendale Farms, All Firsts.

BUFF LACED POLISH—Brakendale Farms, All Firsts.

NON-BEARDED POLISH—Brakendale Farms, All Firsts.

MILLE FLEURS—Urban Farms, 2 cock; 3-4 hen; 2-4 cockerel; 1 pullet; 2 pen.

A. O. V. NON-STANDARD BANTAMS—Urban Farms, 2-4 cock; 2 hen; 2-3-4 cockerel; 1-3-4-5 pullet. Brakendale Farms, 5 cock; 4 hen; 1 cockerel; 2 pullet.

WHITE PEKIN DUCKS—Maplewood Poultry Yards, 3-4 old drake; 3-1

old duck; 2-4 young drake; 2-4 young duck; 2-3 pen.

#### GETTING PLENTY EGGS DURING THE WINTER

That's the problem that faces every poultry raiser—hens have a knack of taking it easy during the winter when egg prices are away up.

Dr. Gilbert Hess, one of the foremost veterinarians in the United States, has solved the problem—he makes his biggest profits from his hens during winter because he sees to it that the egg supply is plentiful.

The doctor states—and rightly so—that hens, being cooped up, deprived of exercise and the lack of green stuff will not lay in the winter. The egg organs become dormant—inactive—and the hen consequently puts on fat instead of turning her feed into eggs.

Being a poultry raiser of considerable success, Dr. Hess, himself, delved into the winter egg question many years ago. He was a veterinary scientist and a doctor of medicine also, and therefore was fully capable of finding

where the trouble was and applying the remedy.

He compounded a number of bitter tonics and well known correctives, proceeding on the idea that hens must have a tonic during the winter to tone up and invigorate the dormant egg organs and keep them healthy. His now famous preparation is known as Dr. Hess Poultry Pan-a-ce-a and is sold by over 28,000 dealers throughout the United States.

Dr. Hess stands behind his Pan-a-ce-a with a most liberal guarantee. His message to you states that his dealer in your town will supply you with enough Pan-a-ce-a for your whole flock, and if it does not make them lay and keep in healthy condition, he has authorized that dealer to refund your money.

In view of such a liberal guarantee, we urge our readers to put Dr. Hess Poultry Pan-a-ce-a to a test. The doctor informs us that the use of his preparation is very economical—a penny's worth being enough for thirty fowl per day. Advertising announcement will be found in another column; refer to it, the index will locate it, then ask for printed matter and mention A. P. W.

#### Pratt's Progressive Strain White Rocks, White Wyandottes

Yearly winners at Madison Square Garden, N. Y., Boston and Great Brocton Fair, where we won Gold Special for 3 successive years. Eggs from the choicest of exhibition matings, \$5 per 15. Address

C. W. PRATT,

N. ABBINGTON, MASS.

#### MICHENER'S BLUE RIBBON STRAIN BUFF ROCKS

Stock for sale. Eggs from four grand matings at \$5 per 15. Circular free.

KARL MICHENER,

Life Member A. P. A., Member Buff Rock Club,

ORRVILLE, OHIO

#### MAPLECROFT S. C. RHODE ISLAND REDS

Our Pullet, Palace Queen, won 1st at both New York Shows, Shape and Color Special, 1911; Our Pullet, Red Princess, won 1st at both New York Shows, Shape and Color Special, 1912-13; both bred and owned by Maplecroft Farms. We also own PAPRIKA, 1st Cockerel, New York, 1912, one of the best birds ever bred.

STOCK AND EGGS FOR SALE from choice Matings. Send for Circular.

MAPLECROFT FARMS,

PAWLING, N. Y.

## Knapp's Single Comb White Leghorns

Buff Rocks, Buff Cochins Bantams, Pure (Cumberland) English Penciled

Indian Runner Ducks. Hackney and Shetland Ponies.

Stock always for sale.

B. R. & O. A. KNAPP,

CORTLAND, N. Y.

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TRADE MARK

"O. K." is the most wonderful litter for Hens, Ducks and Geese. It's cheaper to use and ever so much better than straw, clover, alfalfa, sawdust, shavings, or anything else. All the big breeders never go back to anything else because there is nothing else they would ever again use.

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Absorbs all the Moisture  
Dries up the Droppings  
Prevents all Odors  
Best for Brooders

"O. K." Poultry Litter keeps your houses always dry, clean, sweet-smelling and sanitary. YOU NEED NO DROPPING BOARDS, and CLEAN HOUSE ONLY ONCE EVERY THREE OR FOUR MONTHS

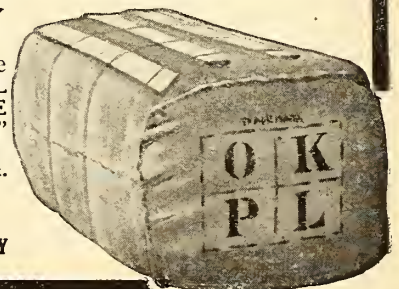
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FREE Sample of "O. K." and New Poultry Book. Write today. You need them both.

O. K. COMPANY,

Dept. 172, 157 Water St., NEW YORK CITY

"For your own protection, buy only by Trade Mark"





## THE VALUE OF FALL HATCHED CHICKENS

By O. W. Mapes, Middletown, N. Y.

(Continued from page 154)

though they had no outdoor run. Prof. Rice was afraid we would not succeed without a grass run. Lawn clippings and beets (both leaves and roots) were abundant at that season and proved a good substitute. They never stepped foot out of doors until six months old, and paid probably as well as any spring hatch I had ever tried. The pullets laid 1157 eggs before they were six months old and developed into large vigorous birds. Most of the cockerels were dressed and sold as squab broilers at good prices. Had they been thrown in with a flock of older birds and compelled to shift for themselves as most September hatches are, probably a different story would have resulted.

### THE BEGINNER AT WORK

Wishing to see how I could make out with a beginner to do all the work, under my direction, I essayed another and bigger hatch in September, 1913. I had a young man working for me, Howard Murray by name, who had never run an incubator. I gave him three crates of August eggs, worth about \$36.00, and told him to try his luck. I gave him written or verbal directions what to do at each stage of procedure as it arrived, allowing him to do all the work, even to testing the eggs at the fifth day. He succeeded in getting out 750 chicks which were placed in the big brooder September 11th. His losses from all causes to date have been only 69 and they are now three months old. Not wishing to dress the cockerels this time, I am trying a different plan which I believe will be just as profitable. Have removed them to another vacant house and shall let them grow and sell them alive when prices recover after the holiday rush. It is somewhat risky to count your chickens before they hatch, but I expect the outcome at the end of six months to be about like this: 325 cockerels at 63c each, \$204.75; 325 pullets at \$1.00 each, \$325.00. Total, \$529.75. I am figuring the males at 3 1-2 lbs. each at 18c per lb. They should bring that price even in our local market. Most of them weigh 2 to 3 lbs. each now at only three months old.

Six months' old Leghorn pullets, just starting to lay will sell for a dollar each at almost any auction sale at that time of year. I figure the cost for eggs, coal and feed to be about 40c each for the first six months.

This would give a labor income of \$269.75 on a single unit, enough to build and equip the house, which will then be ready for a spring hatch. Where can we beat it with an investment for only 90 dozen eggs as a starter?

Summary. Fertile eggs are plenty and cheap in August. Incubators and brooders are lying idle. Birds mature at the time of year when live poultry prices are sure to be good. Green feed is abundant. Labor can be employed

the year around. Birds will be out of the way in time for the regular spring hatches.

### 100 RATS A MONTH

Is a record for one trap in one establishment, but that is the number caught in a lively stable in Scranton, Pa., in one of the traps advertised by H. D. Swarts of that city. See add on page 204 of this issue.

\* \* \* All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid \* \* \*

## Tilton's Reds, Best Reds

They are the deep wine red and have the shape and size. Five years in succession they have won 1st cockerel at the Great Brockton Fair. If you are looking for good stock and have been disappointed give us a trial. Stock for sale on approval always.

A. F. TILTON.

S. C. R. I. Red Specialist,

ROCKLAND, MASS.



### HOW TO SAVE THE LITTLE CHICKS

Ordinary feed is not the proper food for baby chicks. Their delicate digestive organs require a special food properly balanced to meet the entire needs of their little bodies. Feed during the first 10 days after hatching

### "F. P. C. CHICK MANNA"

and watch 'em thrive and ward off epidemic attacks—especially bowel troubles. Starts them off in life healthy with strong, vigor-us constitutions. Introduced in 1884—the original and best food for baby chicks, turkeys and pheasants. Ask your dealer for it. Accept no imitations.

**Special Parcel Post Offer**—Write for Free Circulars and our special offer to send "F. P. C. Chick Manna" by Parcel Post. A 5 pound package feeds 75 chicks first week.

F. P. CASSEL & SON, Originators and Sole Manufacturers, No. A-4, LANSDALE, PA.

## CHRISTIE'S S. C. WHITE & BROWN LEGHORNS

Having been bred for thirteen consecutive years, represented in every State in the Union, Austria, South America, Bermuda and Canada, they stand today without an equal as egg producers, the foundation upon which all branches of the Poultry Industry hinge. "Better be right than sorry." Write today for our illustrated catalogue.

S. C. White and Brown Leghorn Chicks \$15.00 per 100.

WAYNE POULTRY FARM, F. W. Christie, Prop., Box 67, STONY POINT, N. Y.

## SUNNY SIDE STRAIN SINGLE COMB WHITE LEGHORNS

Have been bred for years on free farm range from carefully selected matings, and stand today as second to none, in constitutional vigor, standard requirements and egg production. Reputations have been made with this line. Don't you want its assistance?

I have for sale 20 choice breeding cocks—20—at \$5 to \$15, also several utility cockerels at \$3 to \$5 each. 50 Utility Pullets, many now laying at \$1.50 each. Sunny Side Leghorns have an interesting show record. One of these males will add quality to your flock. Write your wants today.

G. L. WHEELER, Box W, PENN YAN, N. Y.  
ORIGINATOR SUNNY SIDE S. C. WHITE LEGHORNS

## Mandy Lee Incubator

has put chick hatching on a scientific basis. Heat, moisture and fresh air are measured and applied in right proportions to each other automatically. High heat has low moisture, low heat has high moisture. It is the incubator with the open-front-poultry-house plan of ventilation. Ventilation is perfect. Its automatic triple regulator never goes wrong. Send for the Mandy Lee Catalog.

## Lee's Poultry Supplies Mean Better Poultry

Lee's standard poultry supplies are handled by leading dealers everywhere. Ask for them. If not at yours, write us.

**Germozone** Cures Roup, Colds, Canker, Swelled Head, Bowel Trouble, etc. Cuts down chick losses 90%. Standard remedy everywhere. Sample for 6c. Price 50c.

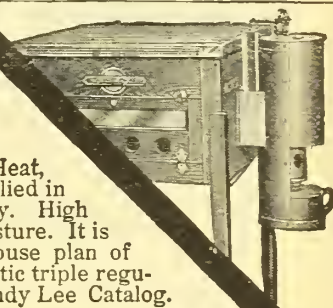
**Lice Killer** Kills vermin by fumes. No need to handle fowls. Simply paint roosts. Fumes go into fluff of feathers, cracks and corners. Price 35c, 60c, \$1.00.

**Egg Maker** Best of all foods to induce laying. Right ingredients, right proportion. Fine for growing chicks. Price 25c, 50c, \$2.00, \$7.50.

Write direct to us for practical free Incubator and Supply books.

GEO. H. LEE CO.  
947 Harney Street, Omaha, Neb.

**Lee**  
**Poultry**  
**Supplies**





## THE PRICE OF EGGS

**SOME FACTS REGARDING PRICES AND PRODUCTION FOR SERIOUS CONSIDERATION. MORE PEOPLE SHOULD PRODUCE THEIR OWN EGGS**

BY GEO. H. LEE

Pres. Geo. H. Lee Co., Omaha, Neb.

The price of eggs is exciting much comment at the present time and many ridiculous cartoons are appearing in the daily papers. At the same time there is general condemnation of cold storage, the one thing that has heretofore equalized egg prices between summer and winter.

It is within my recollection, just before the general adoption of cold storage for the preservation of food products, that, during the spring and early summer, eggs would be worth 8 to 10 cents per dozen. Then, in the midst of an ordinarily severe winter the price would go up to 50 or 75 cents per dozen.

After cold storage had been proven effective for preserving eggs, the price soon became equalized, ranging between 15 and 25 cents per dozen the year round, with feed about half the cost of the present day.

So long as it is possible for any family, in town or country, to keep one or two dozen chickens in the back yard, with little or no expense for feed or care, it is no more possible for any person, corporation, or combination to corner the egg supply than it would be to corner the bread sup-

ply so long as there is flour for sale in the market and housewives willing and competent to turn it into bread.

With the present high prices for feed there is little or no profit in eggs at 30 cents per dozen, except in case of the back yard flock, fed principally from table and kitchen scraps. Here it is most all profit and it is surprising that more people do not put in a few hens instead of consuming an ancient product and kicking about the price.

Eggs will continue to be eggs, and will steadily advance in price just so long as people continue to do two things: First, sell their eggs during spring and early summer, because of good prices, instead of hatching and raising more chickens. Second, avoid the small expense and labor incident to the keeping of a small home flock.

There is no complaint from those who keep chickens about the high price of eggs. Such complaint comes exclusively from those who do not raise chickens; who don't want to be bothered with them; who want some one else to do it for them at a price less than cost of feed.

For several years there has been an increasing demand for eggs and decreasing supply—the latter due to high prices for grain and other feed, unsuitable breeding and hatching season, and good egg prices that tempt the selling of eggs for culinary purposes rather than their use in incubation.

What is a good, fresh egg from well fed, healthy stock really worth? If we have been accustomed to paying ten cents a dozen, then we will consider twenty cents a dozen as extraordinary and inexcusable. If, however, we had been used to paying one dollar a dozen, then we would consider sixty cents a dozen a downright bargain.

Personally, I would much prefer a couple of good, fresh eggs at five cents apiece rather than ten cents worth of beefsteak. But, then, preferences don't count. We have to pay a premium if we want goods of any kind that are scarce, and just so long as the great majority of home owners prefer to consume rather than produce, then just so long will eggs maintain or advance in price.

If you wish to show at a few of the early shows next season you should plan to get out a few early chicks. It is none too early to start now.

To make a success with poultry requires much study and careful management. The harder you study the better will you succeed.

# SILVER PENCILED WYANDOTTES

These Wyandottes are in my opinion better layers than any other variety of Wyandottes. I have bred them all and have made comparisons of their different qualities for the last five years. If you are not breeding them now, buy a trio or a pen and let them demonstrate to you their real worth and beauty.

## WINNINGS:

**MADISON SQUARE GARDEN, New York, January, 1913**

COCKS:	HENS:	COCKERELS:	PULLETS:	PENS:
1st	1st	1st	1st	1st
3rd	2nd			

Special for Best Display

**GRAND CENTRAL PALACE, New York, December, 1912**

COCKS:	HENS:	COCKERELS:	PULLETS:	PENS:
1st	1st	1st	1st	1st
2nd	2nd	2nd	2nd	
3rd	3rd	3rd	3rd	
4th	4th	5th	4th	
	5th		5th	

Special for Best Display

**BOSTON, MASS., January, 1913**

COCKS	HENS:	COCKERELS:	PULLETS:	PENS
1st	1st	1st	2nd	2nd
2nd	3rd	4th		3rd
5th	4th			
6th	6th			

Special for Best Display

**STOCK FOR SALE**

**NO EGGS FOR SALE**

Write to JAMES TROY, Manager

**HORACE HAVEMEYER,**

**Box W,**

**STAMFORD, CONN.**



# STANDARD BRED FOWLS

## ANSWERS TO QUERIES

### DOUBLE AND SINGLE MATING

Q. Have read in your journal so much about double and single mating will you please explain what it is? How it is accomplished and to what breeds it applies?—C. M. S., Penna.

A. A mating that will produce both male and female progeny of standard exhibition requirements is called single mating, while double mating consists of making two matings of the same breed or variety, one to produce exhibition cockerels and the other to produce exhibition pullets. Single mating is practiced by a majority of breeders of solid colored fowl, while breeders of parti-colored fowl in many instances resort to the double mating system, believing that they can secure better results by this method. Breeders of Barred Plymouth Rocks are the strongest advocates of the double mating system and a great deal of controversy has arisen from time to time as to its merits, many believing that it is detrimental to the breed. This question was very extensively discussed in the May, 1912, issue of this publication.

### MATING BLUE ANDALUSIANS

Q. Can you advise me how to mate Blue Andalusians to raise exhibition birds? Do they require single or double mating? I have three shades in both cockerels and pullets but do not know how to mate.—E. W. J., New York.

A. Secure a copy of the American Standard of Perfection and study the color and type description carefully, then select a male that most closely approaches this description in all details. Having selected the male proceed by the same method to select his pen mate, being careful to choose females that are strong in the sections in which the male fails. The birds should be of the same blood lines but not too closely related, that is brothers and sisters should not be mated only in extreme cases. By keeping a record of your mating and marking each one for identification you should soon be able to show improvement in your flock.

### COCK BIRDS HAS STUBS

Q. I have a fine Partridge Wyandotte cock that was disqualified at our local show because he had a few little

stubs between his toes. I was informed by the judge that my bird was by far the best in the class barring this disqualification. Now what I wish to know is will it be safe to use him as a breeder or would there be danger of this disqualification being transmitted to the progeny? Your advice on this point will be gratefully received.—D. E. W., Ohio.

A. The presence of a few little stubs or down between the toes of your cock bird does not injure him one whit as a breeder and it is a shame that birds of high quality have to suffer in the show room for this minor defect. Such is the case, however, and our judges can not do otherwise than disqualify such specimens as long as the American Standard of Perfection characterizes it as a disqualification.

### FOREIGN COLOR IN WHITE LEGHORNS

Q. Last spring I bought several hundred baby chicks from one of the prominent Leghorn farms. Recently while placing these in winter quarters I noted that there was occasionally one that showed a little red on the breast. Would this indicate that they were impure? I have also two or three without tails, in other words they are rumpless. Is it not unusual to find defects like these in White Leghorns?—L. H., Penna.

A. In large flocks of White Leghorns especially utility flocks it is not

# Keep More Healthy Birds

## Make Less Work—More Profits

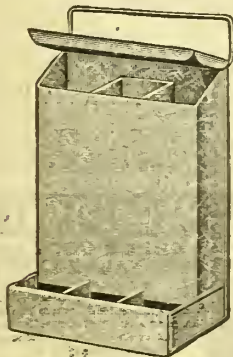
If you believe that healthy birds in your poultry yard make wealth in your bank book—instant upon having Kentuco Ware. You can raise *more* birds—keep them *healthier*—and save money on feed with

## KENTUCO Poultry Ware

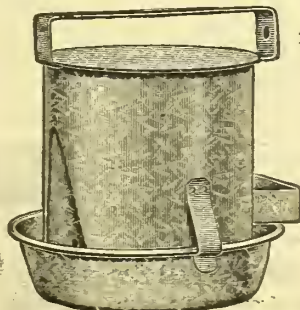
We have experimented repeatedly to get these results for you. For example, study the Kentuco Grit or Food Box illustrated here. We made and discarded no less than 15 different styles before this style was accepted. Now, we know of no other feed box in the world that can equal its service. Food or grit cannot clog in the reservoir—it cannot be wasted or polluted in the tray—you cannot pull box apart. Kentuco Fountains are galvanized *after* they are made. That's why they are *entirely* rust-proof.

Ask your dealer for Kentuco articles. Their prices are no higher than those asked for most poultry ware, yet benefits of service are incomparable. Write us for the big folder which tells the real facts about poultry ware. Also ask for the Kentuco Jar Fountain—free. Address

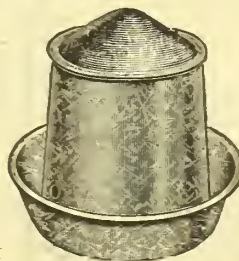
**Kentucky Stamping Co.**  
114 N. 15th St. Louisville, Ky.



**Kentuco Grit or Food Box**  
Prevents birds from wasting feed—there is always feed in the tray.



**Kentuco Sanitary Wall Fountain**  
Can be taken apart and cleaned with a brush. No other fountain in the world like it.



**Kentuco Two Piece Fountain**  
Absolutely rust-proof. Cone top keeps birds from perching on it and polluting water in the tray.

## This Fountain Given Away

### Kentuco Jar Fountain

If you will pay the postage and packing, we will send you the metal base for this handy jar fountain free. This is just to let you know more about the Kentuco Poultry Ware. Send eight cents in stamps.





unusual to find occasional specimens showing off colored breasts or feathers of foreign color in other parts of the plumage. It is also quite a common occurrence to find an occasional specimen of the rumpless type. I do not think that either of these defects indicate impurity, but rather careless breeding. On the large utility farms the breeding pens are not selected with the care that the fancier exercises. On the other hand they are put together with the view of securing the greatest production in eggs, therefore each individual in the breeding pen is not handled and examined as carefully as they should be or as thoroughly as would be the case with the breeder of exhibition specimens. I never like to see such birds in a flock as they look bad when strangers visit the place and are quite liable to convey the impression that your stock is not pure, therefore I would advise that you dispose of all specimens showing either of the above mentioned defects.

#### BREEDING FROM MALE WITH STUBS

Q. Kindly advise whether or not I should breed a Silver Wyandotte cockerel with four or five small stubs on the front of his shank. He is otherwise a "corker." Do you think many of the young from him would have this disqualification?—F. S. S., Conn.

A. It is quite common for individual specimens of our clean legged varieties of poultry, especially those that were originated by crossing two or more varieties, to show some of the characteristics of their ancestors. This trait is more marked in some breeds than in others and is the reversion to original type of one of the ancestors or the renewed manifestation of heredity after remaining latent in one or more generations.

The possibilities are that this defect will be apparent in some of the progeny, but if the mating is made along proper lines this latent characteristic should not develop in but a very small per cent. of the offspring.

#### STANDARD VS UTILITY

Q. As a reader of your valuable publication I would like to ask: do you think it possible to develop standard requirements and high egg production in the same strain, that is do you think it possible to produce a blue ribbon winner and also a 200 eggger in one and the same bird?—J. T. McL., New Jersey.

A. Most assuredly, and I believe breeders are beginning to recognize the necessity of such a development and are already working along these lines. If it is possible to develop a strain of blue ribbon winners on one hand and a strain of high producers on the other, why is it not possible to combine both these qualities in one strain? The reason it has not been done to any extent up to date is that breeders have not made the attempt. One has sacrificed laying ability for

Standard requirements and the other the Standard for productiveness. Now if these same breeders had attempted to combine the two and had used the same care in breeding that they did to develop either of the characteristics it is reasonable to suppose that they would have accomplished what they set out to do. The time is coming when the two qualities will be combined, in fact it has arrived in some strains and buyers in the future will be more discriminating in this direction. Create the demand and the American breeder will produce the goods.

#### MATING QUESTION

Q. I purchased a trio of Rhode Island Reds last spring at what I called a long price. I have been very successful with them and have several good pullets and some good cockerels, in fact I have been told by good judges that they are a remarkably good lot. I don't know much about breeding chickens and took it up as a means of affording some out of door recreation, and as I have evidently made such a good start I am desirous of continuing and attempting to breed for improvement and ask your assistance in directing me how to mate the coming season that I may, if possible,

**J. F. BURLEIGH, Box 93, VERNON, N. Y.**  
Breeder of Exhibition ROSE COMB R. I. REDS. Breeders now for sale, also a grand lot of young stock bred from my Grand Central Palace Winners.

## Book on Dog Diseases

AND HOW TO FEED.



Mailed FREE to any address by the author.

**H. CLAY GLOVER, D. V. S.**

118 W. 31st Street,

NEW YORK

## The Improved Champion Leg Band



Aluminum only, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Postpaid 12-15c; 25-20c; 50-35c; 100-60c. Initials 10c per 100 extra. 50 or less 5c. Also Pigeon Bands.



**T. CADWALLADER, Box 1412, Salem, Ohio.**



## A Bargain Collection of FLOWER SEEDS FOR 12 CENTS

10 choice varieties, all new, fresh seeds, sure to grow and bloom this season. Fanny, 60 Colors; Philox, 10 Colors; Verbena, 18 Colors; Pinky, 12 Colors; Petunia, 10 Colors; Asters, 12 Colors; Poppy, 8 Colors; Stocks 10 Weeks, 8 Colors; Mignonette mixed and Sweet Alliums. The 10 Packages only 12c.

With each order we also include a copy of a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25c a year. Order now, write tonight—For Flower Seed Bargain List, A **SHOREWOOD FARMS CO., Saugatuck, Mich**

## Costs One Cent

# Get "The Golden Egg"

## and Your Hens Will Lay an Egg a Day

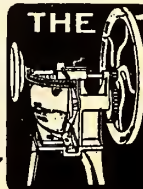
For only one cent you can get this wonderful poultry money-maker. Your hens will lay more eggs—larger eggs. Lazy hens will start laying. You can get fertile eggs. You can get eggs for early setting. Get plenty of eggs when they sell at highest prices.

## Invest a Cent and Double Your Egg Yield

Get as many eggs in winter as in summer. It's all a question of feed. The Humphrey way makes chickens pay. You can cut your feed bill in half and at the same time get twice as many eggs. Let me tell you how. You can force your hens to lay as many eggs this winter as in the summer time by using a Humphrey Green Bone Cutter. Write for free copy of "The Golden Egg."

Tell me how many hens you have and get some money-making facts from me by return mail. Send postal today.

**HUMPHREY**  
Buff Street Factory  
Joliet, Illinois



**THE HUMPHREY**  
**GREEN BONE and VEGETABLE CUTTER**  
will save half your feed bills and double egg yield. Guaranteed to cut more bone, in less time, with less labor, than any other. Send for Special Trial Offer and handsome catalogue.  
**HUMPHREY,**  
Buff St. Factory, Joliet, Ill.

**Big Winter Eggs Out of Clover. How? Ask Me.**



have equally as good or better results next year?—A. C. K., Iowa.

A. The first thing to do is to leg band each individual and then start a breeding record. Make an entry for each bird's number and include such data as, when hatched, from what mating, etc., etc. Select a few of your best pullets and place your old male (their sire) with them, then select the best cockerel and mate him with the hens. By continuing your record and toe punching the progeny from each mating, giving the chicks from each pen a different mark, so that they can be identified later, you will have started a good foundation to work upon if you desire to continue along these lines.

## BREEDING FOR WINTER EGG PRODUCTION

By Alexis L. Clark

(Continued from page 156)

own weight. Does not that indeed call for a wonderful amount of force and energy?

### VIGOR FIRST CONSIDERATION

To breed for vigor then should be the first consideration in the mind of the breeder. Let him not think however that by so doing he can neglect the nourishment of the stock, the housing of them or any of the activities which exert an influence on the vigor of the parent stock and the transmission of the same to the offspring. It may well be said then that to breed vigor one should really

Breed for vigor.  
Hatch for vigor.  
Brood for vigor.  
Feed for vigor.  
House for vigor.  
Mate for vigor.

### A QUALITY EASILY LOST

This certainly opens up a big field for thought and work. This quality of inherent vigor and vitality is something we little understand. Experience has shown every poultry raiser that it can be lost by neglecting any one of the factors mentioned above. Then of course vigor is a most important thing in many other branches of the business. In the hatching and raising of little chicks inherited vigor is the greatest asset a man can have in the flock.

### POWER OF INHERITANCE

There is something else however that enters into breeding for increased egg production. Breeders have always known that the only way about to secure any improvement in the offspring was by selecting a pair in which the particular feature or characteristic was developed to the greatest extent and mate them together. Many of the resulting offspring would ordinarily have this point in a lesser degree than the parents. Some could usually be expected to be equal in this respect to the parents and a few might be expected to surpass them or in other words to have inherited this particular feature or characteristic

from the parents in a greater extent than was apparent in either of them. This is the line that many poultry raisers are looking to for improvement in egg production.

### THE TRAP NEST A NECESSARY ADJUNCT

The trap nest is the surest way of determining the best layers to breed from. Of course it entails much detail work and it is doubtful if this method is ever taken up by any large proportion of the poultry keepers of the country. We have no idea of the possibilities which may result from a well managed system carried on for a number of years. Many advertisements and statements made by ill-advised breeders have appeared in print and been heard in public regarding the results obtained by them by carrying out such a system of breed-

ing. It is very doubtful however if such men realize the work such breeding means and the persistency necessary to get any real permanent results. At least the strains built up by such methods and by these breeders



ROSE AND BROWN AND  
SINGLE WHITE  
**LEGHORNS**

Over 43 prizes in  
MADISON SQUARE  
None Better, 27 Years Breeding  
W. W. KULP,  
Box 12, POTTSTOWN, PA.

## CAPON TOOLS



CAPONS bring the largest profits  
—100 per cent more than other poultry.  
Caponizing is easy and soon  
learned. Progressive poultrymen use

### PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capons Book Free. G. P. Pilling & Son Co., Philadelphia, Pa.



Spray  
the  
Hen  
House

IT PAYS  
Whitewash and disinfectant  
sprayed banishes lice, keeps  
hens healthy.  
BROWN'S AUTO SPRAY  
does the work of 3 ordinary  
sprayers; 40 styles and sizes.  
Write for Free Catalog.  
E. C. Brown Co., 65 Jay St., Rochester, N.Y.

### WE PUT THEM OFF AT BUFFALO

And won as follows: At Greater Buffalo Show—1st Cock; 2d Hen; 4th Cockerel; 3d Pen: ROSE COMBS, on 5 entries. Our Great Sensational Male, Criterion II, will head one of our first pens—he has the blood and breeding to produce. We won 1st pen, old, at New York State Fair, 1913; also 3d pullet. Some choice young cockerels and pullets for sale from our winners.

WADSWORTH & CASTER,

RED-W-FARM,

WOLCOTT, N. Y.



## A GOOD TRAP NEST

Made in a few minutes from a common box, very simple and reliable. Send for complete printed and illustrated instructions for making your own trap nest. Warm water fountains, automatic feed hoppers, poultry houses, etc. Price list of our wonderful strain of Winter egg producing Barred Rocks free.

Stirdivant Farms,

Sheboygan Falls,

Wisconsin

## Makes Poultry Healthy Makes Hens Lay—Guaranteed



So sure am I that Dr. Hess Poultry Pan-a-ce-a will make your poultry healthy, Roup-free and tone up the dormant egg organs, make your hens lay and help your chicks grow that I have authorized your dealer to supply you with enough of my Pan-a-ce-a to feed your whole flock, and if it does not do as I claim, return the empty packages and get your money back. Pan-a-ce-a is a splendid tonic, a fine conditioner and a sure egg producer. Costs only 1c a day for 30 fowl.

1 1/2 lbs. 25c; 5 lbs. 60c; 25-lb. pack \$2.50.  
Except in Canada and the far West.

Dr. HESS & CLARK  
Ashland  
Ohio

Dr. Hess  
Poultry  
PAN-A-CE-A

GILBERT HESS  
Doctor of  
Veterinary Science  
Doctor of  
Medicine



have seldom shown their superior abilities when placed in competition with other very ordinary birds.

Dr. Pearl of Maine after a number of years of careful work in this line believes that a very considerable improvement in egg production can be secured from this method of mating together birds which possess or inherit high fecundity. Mr. Barron of England has shown the poultry world that he has accomplished some kind of a result. His hens win in competitions with many other hens of all varieties and strains. He says that his hens are able to do this because they have been bred for heavy production.

#### THE PRACTICAL METHOD

We have considered so far the actual conditions as they are today regarding this subject, the apparent possibilities in it, and some few results that seem to have really been secured. It now becomes time to earnestly consider a practical method that as many of our poultry raisers as can will find possible to undertake and carry through with satisfactory results. We should realize at the start that it is an effort worthy of best attention and that only thorough work along all lines of care for our flock will make results possible. On the other hand it does not in the least follow that any great amount of extra care and work is necessary. It simply is necessary to outline a well directed method and then stick to it. The more simple the better and the more probability there is that it will be carried through to success.

#### SELECTION OF BREEDERS

Remembering that we considered two important factors in egg production, namely vigor and inherited high fecundity, it would seem the logical thing to make these two subjects the foundation for our method. The first thing to do then will be to select the individuals in our flock both male and female that embody these two characteristics to the greatest extent. High fecundity can be ascertained by the use of the trap nest if we find that is practical. Many will not be able to give such personal or careful attention as trap-nesting requires and it is just as well to recognize at the first that pedigreeing each individual involves a deal of detail work. I am becoming more and more convinced however that the same characteristics that denote vigor and vitality also denote high fecundity. There are many outward signs and features which we are able to recognize as index pointers to the true organic condition within. I do not mean to say that we or anyone can judge a hen and tell how many eggs she has laid in a given time or how many she will lay in any time to come. Constant watching and observation of a flock by one earnestly trying to find out things will teach one many lessons. Many people have an opportunity to do this for a few minutes a day either in the morning or in the evening. A little experience and with only a small flock will soon

enable one to select with very few mistakes the best layers.

#### HEAVY PRODUCTION CONDUCTIVE TO LOSS OF VIGOR

Many of the best flocks of poultry I have known have been spoiled by neglecting sane precautions in the management of the breeders. Experience has always shown that heavy production is conducive to a loss of vigor. If there is one thing that is of more importance than anything else in the breeders at breeding time it is strong vitality and an abundance of

stored up force and energy. When the prices for fresh eggs are soaring about fifty cents it seems to be impossible for the poultry raiser to remember what poor results he got the Spring before from breeding from hens tired out with winter laying. It is well said that "Winter eggs are profitable eggs." It is equally true that heavy winter laying is the greatest cause for a high mortality in chick raising and low vitality in the offspring. There is a very easy way of getting around this apparent difficulty. Keep the pullets



#### YOKOHAMAS AND Y. BANTAMS

Eggs in Season. Birds for Sale.

Mrs. L. C. Prideaux, Lindfield, Sussex, England



BUY A

# HEARSON

The Incubator that will hatch every fertile egg.

If you want an INCUBATOR and cannot afford a HEARSON, don't buy one at all. A low-priced machine is false economy; it wastes oil, it addles eggs, it loses time and hatches bad temper instead of chickens.

## HEARSON'S INCUBATORS

Will last indefinitely if properly taken care of.

We have not sufficient space here to describe the HEARSON as the best, but the "Problem Solved" furnishes this information and will be mailed to you free, on request.

PROPRIETORS

### SPRATT'S PATENT LIMITED

NEWARK, N. J.

## Ironclad

TRADE MARK

Wins in the Two  
**BIGGEST HATCHING**  
Contests Ever Held

Why take chances with untried machines when for only \$10 we guarantee to deliver safely, all freight charges paid (East of Rockies), BOTH of these big prize winning machines fully equipped, set up ready for use?

(5)



**140 EGG**

Ironclads are not covered with cheap tin or other thin metal and painted like some do to cover up poor quality of material.

**10-Year Guarantee**

Ironclads are shipped in the Natural color—you can see exactly what you are getting. Don't class this big, all metal covered, dependable hatcher with cheaply constructed machines—and don't buy any incubator until you know what it is made of. Note these Ironclad specifications: Genuine California Redwood, triple walls, asbestos lining, galvanized iron covering, galvanized iron legs, large egg tray, extra deep chick nursery—hot water top heat, copper tanks and boiler, self regulator, Tyco's Thermometer, glass in door, set up complete ready for use and many other special advantages fully explained in Free Catalog. Write for it TODAY or order direct from this advertisement.

Ironclads are shipped in the Natural color—you can see exactly what you are getting. Don't class this big, all metal covered, dependable hatcher with cheaply constructed machines—and don't buy any incubator until you know what it is made of. Note these Ironclad specifications: Genuine California Redwood, triple walls, asbestos lining, galvanized iron covering, galvanized iron legs, large egg tray, extra deep chick nursery—hot water top heat, copper tanks and boiler, self regulator, Tyco's Thermometer, glass in door, set up complete ready for use and many other special advantages fully explained in Free Catalog. Write for it TODAY or order direct from this advertisement.

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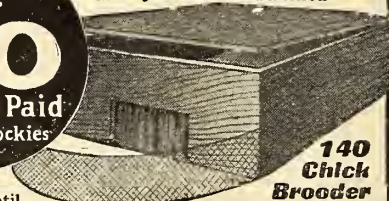
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**\$10**  
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East of Rockies



**140 Chick Brooder**

**IRONCLAD INCUBATOR COMPANY, Box 65, RACINE, WIS.**



for winter laying, feed them, house them and care for them so as to get the greatest production. Reserve enough of the older hens and manage them in every way possible to add to their health and constitutional strength. The exhibitor knows how to do this with the specimens for the show room. "Just ready to lay" is a frequent saying among frequenters of the show room and denotes that the bird referred to is in perfect physical condition. This is the condition we should aim for with our breeders at the opening of the breeding season. Plenty of green food with little of the stimulating animal and ground feeds encourage it. Inducing them to gather much of their food at large is an excellent thing. There is no reason for protecting them against the cold in all ordinary weather. Poultry will stand a great deal more than many think for, and in all probabilities gain by so doing. The door to the house that shelters the breeders should be open every day in the year.

#### IN CONCLUSION

Select yearlings or older fowls which either from trap nest record or carefully studied habits are proved to be the best layers. The male bird is of course as important as the female and probably much more. He should be selected for vigor and for the productive capacity of his mother. It is doubtful if a more profitable undertaking can be carried on than the hatching of a few eggs each year from the best hen or two in the flock under sitting hens. From these few chicks raised under more natural conditions and given good care by old mother hens a cockerel or two may be selected to head the breeding pens.

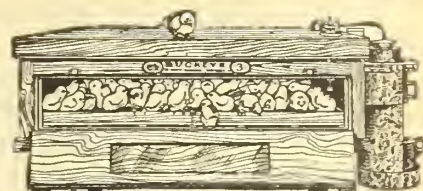
#### SMALL FLOCKS ADVISABLE

Keep the breeders in small flocks, this will enable closer records of the performance of the males as well as the females. House them so as to induce hardiness and health. Disease

is a very potent factor in decreasing the egg crop and the profitableness of poultry. Undoubtedly by building up the powers to combat disease both in the young and old, we can reduce the danger from disease considerably. Various forms of roup and colds seem to be the most common kinds of sickness that affect chickens. Fresh air and plenty of ventilation will prevent these to a surprisingly great extent.

#### SOME THINGS TO REMEMBER

In feeding them remember that whatever loss your fowls may be during the winter because of poor laying they will make several fold by giving you more hatchable eggs and more livable chicks. It is often true that hens may be used for egg production in the winter and breeding in the spring for a season or two with good results, but failure is absolutely sure to follow if this method is kept up. This is the principal reason why experienced raisers do not use pullets for breeding. They are very easily made to produce heavily during the winter and consequently give poor results as breeders. Older hens on the contrary do respond readily during that part of the year. It would seem that Nature meant for them to have that for a resting season. They enter spring full of energy and vitality and consequently are able to transmit it to a greater extent to their offspring. Egg farmers have long ago realized that late hatched chicks were a poor proposition. Exhibitors and fancy breeders often secure their best young from their late clutches. I believe the reason is found in the condition as stated above. The egg farmers hens are in a very low state of vigor from heavy winter and spring producing. The fancier has learned that heavy laying is not conducive to the best results and does not urge his hens to exert themselves. They are in good physical condition when the other fellow's flock is not.



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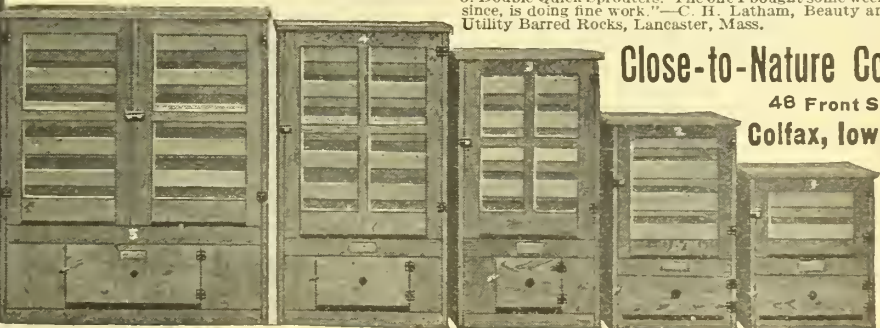
The Double Quick originates and initiates—others imitate and appropriate. Fully 100 Double Quicks to every half dozen of all other kinds combined. Now in its fourth year—in use in every state and territory in the U. S.; in Canada and Mexico; in eight foreign countries; thousands have tested its value; many large poultry plants use from one to five.



"On Sept. 16, I ordered your No. 5, Double Quick Sprouter shipped to Maude L. Kaler, Columbia City, Ind. and this one is proving so satisfactory that she wants another one of the same size and therefore you will find draft in payment of this second sprouter."—Milo R. Meredith, Indianapolis, Ind.

"I ordered and received from you last fall one of your 5-tray Grain Sprouters. This works very satisfactory. I want one for 1,500 hens. I enclosed my check for your No. 6 Grain Sprouter."—E. A. Palmer, Providence, R. I.

"I am enclosing my check for two more of your No. 5, Double Quick Sprouters. The one I bought some weeks since, is doing fine work."—C. H. Latham, Beauty and Utility Barred Rocks, Lancaster, Mass.



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48 Front St.  
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## THE CLEVELAND SHOW

THE SUCCESS OF AN EARLY SHOW DEMONSTRATED BY THE CLEVELAND FANCIERS CLUB. WIGMORE COLISEUM CENTRALLY LOCATED A FACTOR IN ATTRACTING A LARGE ATTENDANCE

BY A. J. BRAUN

The wisdom of the officers of the Cleveland Fanciers' Club in selecting an early date for their annual exhibition was clearly apparent to those who were fortunate in attending this magnificent event. In former years it has been customary for this club to hold a January show and when the new dates were announced for this season's exhibition many wisacres were loud in their forecasts that a serious mistake had been made.

The officers who by the way include several of Cleveland's most representative business men, were firm in their convictions that with the spacious new exhibition hall located near the business section, that an early show would prove a drawing card. Their enterprise in grasping the opportunity of holding the dedicating event in Wigmore Coliseum the latest addition to Cleveland's Convention Halls was well repaid and the exhibition was a financial success and a credit to its promoters.

The display of poultry was a representative one, all of the popular varieties being well represented with the usual showing of the less popular standard and non-standard varieties. In the poultry classes there were 1335 entries including 119 pens, making in all 1811 specimens, to which add 143 pigeons, making a grand total of 1954. The cooping was done by Spratts in their usual efficient manner.

The judging was started on schedule time and appeared to be satisfactory in every particular, as the lamentations of disgruntled exhibitors were conspicuous by their absence. The Secretary, J. T. Conkey, was an indefatigable worker and deserves a large amount of credit for the success of the event, although his associates shared the work and were always on hand to make things pleasant for exhibitors and visiting public as well.

### THE CLASSES

The Barred Rock classes brought out many good specimens, although these old favorites were not as strong as they deserve to be. White Rocks a fine class with several strong birds unplaced. The Webster Farms entry was particularly good through all classes. Buff Rocks a large class of unusually good quality, E. H. Lichtenwalter and Vierheller Bros. capturing the majority of the awards. Partridge and Columbian Rocks made up in quality what was lacking in numbers.

Silver Wyandottes displayed much good quality especially in females which were unusually good in lacing and showed great improvement in type. The Whites were a very strong class with the winners well placed, Sherman Bowden winning three firsts including first pullet which was a beauty and one of the best I have seen this season. Buffs were one of the largest classes in the show and the finest quality I have seen in years,

Rocky Run Farms carrying off a majority of the prizes, also winning shape and color special for best

female in the show with one of the classiest Wyandottes in both color and type that I have seen in years. First cockerel also a grand bird. Blacks a good class. This variety seems to be growing in popularity as many high class specimens have already been shown this season. Partridge classes were small but of good quality. Silver Penciled brought out but four specimens. Columbians also small classes.

S. C. BROWN  
R. C. BROWN

## OUR LEGHORNS WIN

S. C. BLACK  
S. C. BUFF

At the Greater Buffalo Show, Thanksgiving week, in strong competition, we won four firsts, six seconds, one third, five fourths, two fifths, as follows: R. C. Brown Leghorns 2-4 hen, 1-4 pullet, 2 cockerel; S. C. Buff Leghorns, 1-2 cock, 1-2 pullet, 4 cockerel, 5 hen; S. C. Black Leghorns, 2 cock, 1-2 hen, 3-4 cockerel, 5 pullet, S. C. Brown Leghorns, 4 cock. We can supply breeding or exhibition birds and have a large flock of Cocks, Hens, Cockerels and Pullets to select from. Eggs from winners \$5.00 per setting. Now booking orders for future delivery.

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indicate accurately the moisture needs in the egg chamber. YOU can then regulate the moisture supply intelligently. Too much or too little moisture drowns or suffocates the chicks in the shell. "Tycos" Hygrometers are thoroughly tested and guaranteed. Ask your dealer now for "Tycos" Hygrometers and Thermometers—if he cannot supply you, send direct to us.

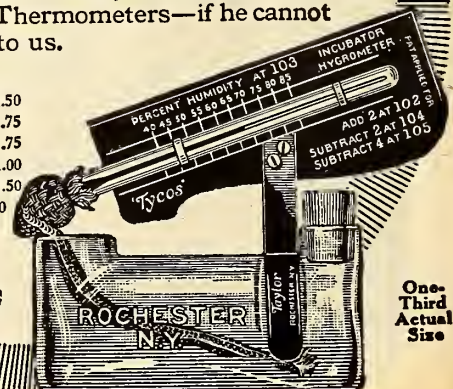
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Tycos Incubator Hygrometer (Like Cut)	\$1.50
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ROCHESTER, N.Y.



One-Third Actual Size



Black Javas were represented by some very good birds.

Rhode Island Reds in both combs, were represented with strong classes in which much good quality was in evidence, first S. C. cockerel being a particularly good bird of a strong color and good type. About the usual showing of Rhode Island Whites and Buckeyes.

Leghorn classes were well filled with plenty of quality in all varieties, S. C. Whites being the banner class with eight cocks, fourteen hens, thirty-six cockerels, twenty-five pullets and twelve pens. Minorca class small.

The White Faced Black Spanish furnished one of the quality classes of the show and it is seldom that such grand specimens of the old breed are seen. The first cockerel was simply a wonder and is undoubtedly the best that has been shown in years. This bird carried off the honors for the best male in the show. Frank Miller, Crestline, Ohio, owner and exhibitor, is a full pledged, dyed in the wool fancier and will be heard from in the future. The Spanish are a deserving breed, being prolific layers of large white eggs and they deserve a greater amount of attention from breeders than they have been accorded in the past.

Orpington classes were well filled and brought out the best quality seen in Cleveland in years. There were some phenomenal birds, among them being the first prize Black cockerel. It is seldom a better bird of this variety is seen. Whites brought out the larger class, closely followed by the Buffs and Blacks. A few R. C. Whites and pair of Blues completed these classes.

Campines were represented by a small class of Golden and a good showing of Silvers. The latter brought out a great deal of fine quality, the winners, particularly the first pullet, being exceptionally fine. Other classes although small in some instances displayed excellent quality and represented almost all of the standard varieties with a few of the later arrivals.

Water fowls were well represented with fifteen varieties of ducks and six varieties of geese. Turkeys were represented by all Standard varieties.

Taken all in all it was one of the most successful exhibitions ever held in Cleveland and has established the fact that an early show can be successfully held and has assured the

backers of this event that they may look forward to greater success in the future.

#### WINNINGS OF A. P. W. ADVERTISERS

WHITE ROCKS—C. F. Webster, Girard, Pa., 5 cock, 2 hen, 2-3 pen.

BUFF ROCKS—E. H. Lichtenwalter, Girard, Pa., 2 cockerel, 1-2-3 pullet, 3 pen. Vierheller Bros., Pittsburgh, Pa., 5 hen, 1 cockerel, 1 pullet, 1 pen.

WHITE WYANDOTTES—Sherman Bowden, Mansfield, Ohio, 5 cock, 1-3 hen, 4 cockerel, 1-3 pullet, 1 pen.

BUFF WYANDOTTES—Rocky Run Farms, Northfield, Ohio, 3-5 cock, 4 hen, 1-3-4-5 cockerel, 1-3-4 pullet, 1-2-4-5 pen.

W. F. BLACK SPANISH—Frank Miller, Crestline, Ohio, 1-2 cock, 1-2 hen, 1-2-3 cockerel, 1-2-3-4-5 pullet.

S. C. BUFF ORPINGTONS—Fred Poertner, Berea, Ohio, 1-4 cock, 1-3 hen, 2-3-4 cockerel, 1-2-4 pullet, 2 pen young, 1-3 old pen.

BLACK ORPINGTONS—Gertrude Kelley, Willoughby, Ohio, 2-3 cock, 5 hen, 4 cockerel, 1 pen.

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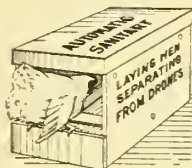
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Why Take Chances



## DARK CORNISH IN ENGLAND

GRAND OLD BREED POPULAR IN ENGLAND WHERE THEY ARE WELL KNOWN. BRED EXTENSIVELY BECAUSE OF REAL MERIT IN BEAUTY AND UTILITY

BY JOHN W. WARD, JR., Pennington, N. J.

The writer landed in Liverpool early on Saturday morning, August 9th, to be exact in time, about seven o'clock and left from the L and Y. Station at 8:30 A. M., having the main part of a short three weeks trip in England to hunt Dark Cornish mapped out, but with enough open dates so that the original course might be supplemented, or changed considerably as occasion demanded.

Going directly north from Liverpool, the first stop was Facil near Rochdale, the home of Heyes Bros., famous for many years as about the best breeders of Cornish in northern England, and many good specimens as well as several really wonderful ones were to be found here. The writer of course had studied "Feathered World's" Year Book, and numerous other periodicals printed in England before sailing, but he was not prepared when Mr. Heyes started to name over a score or more breeders within a radius of twenty miles of Liverpool, "who you simply must see."

A start was made and one week set aside for the country around Liverpool. A jump was made to Manchester, then to Northwich, and then to Chester, where Mr. George Faulkner, the "wizard on lacing" as fellow fanciers in England are pleased to call him, was found on a pretty little farm of twenty-two acres, with good drainage, and lots of range, an almost ideal spot to raise Cornish. Mr. Faulkner does not show much in England, as he judges a great many of the shows there, often being sought to judge the Cornish club show, and he makes the Royal Dublin in Ireland every year and says that the classes in this great show are hot enough to suit the best sportsman and fancier. He certainly has the birds to suit the most critical eye and only permits the very best to mature as Chester is only a little over a mile and a half off and Mr. Faulkner claims that every cull finds ready sale on the market there because "they are the best table fowl on earth."

Rowton and Waverton, small places near Chester, were visited but time was limited and because of the quality and quantity to be found around the part of England mentioned above, a feeling of curiosity was certainly aroused, as it only can be in a true "Yankee" from the States as to the manner in which Cornish were "turned out" in Cornwall, the home of the Dark Cornish, where even these gentlemen conceded that several chicks were produced to every one that they were able to turn out. The week being up, a start was made southward with Plymouth as a place to "fetch up."

Short stops were made at Crew, Exeter and Taunton, but Plymouth was made in the shortest possible time and some very interesting things were discovered and seen in that

quaint old city where the Pilgrim Fathers embarked for what is now our own U. S. A. The "Royal Hotel" was visited where the first "Indian Game Club" (the name Indian Game is still used in England because a game fowl is not always a bird for the "pit" over there) was formed in 1838. The writer glanced around at several other historical features regarding Cornish and the growth of the breed and then made for the market, determined to know what the English people really thought of the "king of table fowl" in their native land. It was market day and everything and everybody was bustling about much the same as at home, but after "fighting the mobs" at Allentown and Hagerstown during fair week for the past several years, the crowd did not

bother or astonish the writer of this article half as much as the display of dressed poultry that greeted his eyes. It was true, some Cornish and Cornish crosses were expected, but upon counting the actual birds just 73 per cent. of the market fowl on that Plymouth market were either Cornish pure breed or Cornish crosses of the first generation. The rest of the fowls were mostly Rocks and Reds, which

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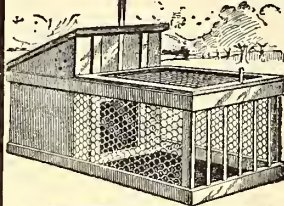
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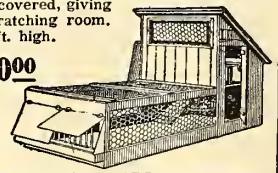


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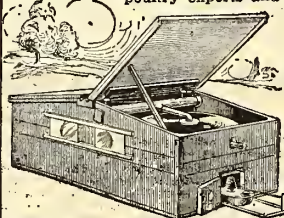
for 12 Hens Fitted complete with nests, fountain and feed trough. Sanitary—easily cleaned. One man can easily care for several hundred birds. Nicely painted—set up in 15 minutes. A comfortable year-round house. In stormy weather the run may be covered, giving a protected scratching room. Size, 10x4 ft., 5 ft. high.

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Hot-water and hot-air heating combined gives perfect ventilation—no danger of overheating—maintains even temperature regardless of cold outside. Used and endorsed by poultry experts and by experienced station men as Dr. A. A. Brigham, Dr. N. W. Sanborn, Dr. P. T. Woods and Mr. A. F. Hunter. Size, 3x5 feet.



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10x50 ft.

Sanitary, durable, up-to-date—made of red cedar, clapboarded outside, interior sheathed. Made in 10 ft. sections, each fitted with roosts, nests and fountain. Open fronts, with canvas-covered frames. You can add sections at any time. Easily erected. First section, \$75.00; additional sections, \$60.00 each.



E. F. HODGSON CO., Room 320, 116 Washington St., Boston, Mass.





One of the poultry buildings on the farm of William Brent, who is recognized as one of the leading breeders of the Cornish fowl in England. A fine specimen of this variety may be seen in the foreground.

made a poor showing against the big broad breasted Cornish, and two Orpingtons were all that could be found offered for sale and the demand for the great English table fowl (?) was not great when so many better specimens for the family dinner were to be had.

I picked up an English "Stock Keeper" in Plymouth and found the following regarding Cornish: "From its first appearance, our opinion has been that no breed deserved more attention from those who are practically inclined than the Indian Game and no one has yet appeared that promised such utility, the one thing most needed in any breed."

A weekly "Feathered World" bought from a street newstand also had something to say of a popular breed in some notes written by a representative going through Cornwall. He wrote: "Many pure breeds had been found, Indian Game predominating, and some of these real beauties that will probably pose behind prize cards another day."

A short excursion was also made to the ruins of what was once the estate of the gentleman to whom most of the people around Plymouth give the credit of producing and introducing the Indian Game in the early forties of the last century, Sir William Call, but this honor for Sir William is somewhat disputed in an article in a recent English "Poultry Manual" by T. W. Sturges, M. A. Vice President of the Poultry Club of England, the fraternity that corresponds to our American Poultry Association. He says in part as follows: "In Mr. Lewis Wright's 'Book of Poultry' published in 1880, the notice is very scanty and they were then supposed to be chiefly of Malay blood crossed with Game, to which Mr. Comyns thought a 'touch of Aseel and Indian Jungle Fowl' had been added. The latter description is now known to be near the exact truth. The originator is said to be Sir Walter Raleigh Gilbert, who, stated to a friend in 1846 that he had formed Indian Game by crossing a Red Aseel imported from India with English Black-breasted Red Game of Lord Derby's

Famous Strain. In latter days it would seem that the Sumatra Game was infused," etc., etc. The above certainly shows where the Cornish originated. They are an English production pure and simple, not Hindus, African, or some other out of the way tribe as a great many American authorities (?) would have us believe.

Historical Plymouth finished, a trip 18 miles into Cornwall was made to the home of Mr. William Brent, Clampit, Callington, a gentleman who has bred Cornish for over thirty years and has probably won more prizes with his own birds in England and with his birds in the hands of customers in America than any other man in the world. To give a complete description of Mr. Brent's flock of Cornish would take up more

space than is practical here, but in order to give you an idea of how this gentleman raises a flock of almost 500 yearly, I am going to simply copy two extracts,

one from the English "Stock Keeper" and the other from the "Feathered World" concerning his place and methods and at the same time to give you an idea that Cornish are extremely hardy, do not need a warm climate, etc., etc., as fellow countrymen of mine often write. The following from the "Stock Keeper": "That this breed is of a most hardy



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Make \$2,000 a year profit and only have to work three to four hours a day.  
Catalogue tells how it is being done. Sent on application.

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Box W,

MIDDLETOWN, N. Y.

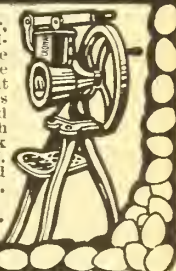
## WILSON BROS. GRINDING MILLS, BONE & CLOVER CUTTERS

PAY FOR THEMSELVES IN A YEAR

It won't pay to keep hens unless you feed plenty of green bone and clover, but it costs too much to feed them properly unless you own these Wilson machines, so as to have your supplies fresh and untainted. Hens must have ground shell and grit, too, or they can't make eggs. Every Wilson machine is made to give satisfaction and last, and is sold under guarantee. You can't beat any of them for utility or price. "Crown" Green Bone Cutter \$6.50. Runs easily. \$8.50 with legs like picture. "Gem" Clover Cutter \$9. Screw feed and adjustable cutter bar. Removable for sharpening. All iron and steel. With high legs, \$10. Grinding Mill \$5. Best hand mill made for easy, quick grinding of Dry Bones, Shells, Grit, Corn, Grain, etc. With stand \$7. Write for it to-day. Shows larger Sizes, hand and power, and prices. Sold by dealers or direct.

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Black Orpingtons

1000—BIRDS FOR SALE—1000

Hanlon's Orpingtons and Leghorns have produced winners for the past fifteen years.

BABY CHICKS

\$25 per 100

EGGS FOR HATCHING

\$3, \$5 and \$7 per 15

Parkway Poultry and Stock Farm,

PHILIP E. HANLON, Manager,

Box W,

WATERTOWN, N. Y.





A prize winning Buff Orpington male belonging to A. E. Martz & Son, Box E, Arcadia, Ind. This bird, with other noted winners produced by this farm, is described in the handsome catalogue entitled, "Buff Orpingtons for Pleasure or Profit", that will be sent free to all readers of this paper upon application.

nature goes without saying and yet we were not prepared to find upwards of 500 of any one breed without a single case of ill health or sickly appearance; nevertheless this was the case here and under conditions which would have played havoc among almost any other breed, for these birds are bred under conditions most primitive, scarcely a poultry house or shelter of an artificial nature being seen, cart-sheds, open barns, trees, and hedges being the only conveniences of comfort for the nights, which during the last few months have been most trying to chickenhood, only a very few cocks being provided with house and run, all the birds being hatched and reared under hens of their own variety, the parent bird seldom being able to catch a glimpse of any other variety of fowl. \* \* \* after night-fall when comfortably esconced in the snug, cosy sitting room, the scales were brought out and a number of birds weighed just as they were taken off their runs with no kind of preparation and the results were as follows, viz.: Three eighteen months old cocks 12 1-4 lbs., 12 lbs., and 11 1-2 lbs. each; two hens 9 1-2 lbs. and 9 lbs. each; three cockerels 10 lbs. and one 9 1-2 lbs.; two pullets 8 lbs. and 7 1-2 lbs.; one pair of pullets for dressing 13 lbs. The amount of flesh on these as contrasted with the amount of offal was such as we have never seen in any other breed."

The following from the "Feathered World": "Those who imagine that the chief reason why so many of the prominent Indian Game breeders come from the County of Cornwall is because the climate is so mild and

consequently the birds thrive better, should on the 3rd of March last have accompanied us on our drive in the evening from St. Clear to Clampit, Callington, Mr. Bent's home, and we fancy that they would be disposed to think that in the future they would have to discover some more feasible cause than that of mild atmospheric surroundings. Next morning we prepared ourselves for the treat offered us of inspecting probably the largest and best collection of Indian Game in the world."

"Before, however, giving you a brief description of the birds that we saw, it would be as well to mention that Mr. Brent's farm is situated between 500 and 600 feet above sea level and a more exposed position would indeed be hard to find. Then, again, as regards accommodation, it would be difficult to find any fancier—if he had only won a quarter of the prizes

Mr. Brent has, who did not possess ten times more accommodation than is to be found at Clampit. Let the



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Learn things many growers never knew before, explained in new book, "Truth About Mushrooms." Add \$10 to \$10 a week to your income. Small capital starts it. Demand exceeds supply. Grow in cellars, sheds, boxes, etc. Now is best time. Profits bigger, quicker. Anyone can do it. Send for the book, it's free. Bureau of Mushroom Industry, Dept. 94, 1342 N. Clark St., Chicago.

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Few Poultrymen realize the value of good printing—in fact many fail to use **Printed Stationery**.

Well printed letter heads make a favorable impression on the prospective buyer and the breeder who uses well printed stationery will secure two orders to one for his neighbor who uses "any old thing."

We are prepared to fill orders for Business Cards, Envelopes and Letter Heads promptly at the following prices:

### BUSINESS CARDS.

Any Size up to 3 1/2 in. x 5 in.

100 . . . . .	\$1.50
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Postage or express charges to be paid by the purchaser. Give us a trial, our printing will help your business. Send all orders to

**American Poultry World**

Job. Dept., 158 Pearl Street, Buffalo, N. Y.

## WHITE WYANDOTTES - BARRED ROCKS

EGGS FOR HATCHING  
PEERLESS POULTRY CO.,

BABY CHICKS  
1214 E. 80th Street,

STOCK FOR SALE  
CLEVELAND, OHIO

**BLACK SPANISH** Madison Square Garden, 1910, 1911, 1912-13, clean sweep; Boston, 1913, all first prizes; Garden Show, 1894, three firsts, two seconds. Hundreds of first prizes throughout the world during past 29 years. No more eggs or birds for sale this season.

R. A. ROWAN.

200 Title Insurance Building,

LOS ANGELES, CALIF.

**Terwilliger's R. C. Black Minorcas** after 18 years of careful breeding for egg producers, have again in 1912 as in 1911—proven their claim of equal to the best by making 5 shows winning 21 firsts, out of a possible 23, and every 2nd and 3rd covered including Palace Show where they won every place covered by them. Cocks and Cockerels for sale and hatching eggs in season. Mating List on request.  
G. W. TERWILLIGER  
MILLWOOD, N. Y.

## How to Get More Eggs

You can get more eggs than you ever thought possible from your hens by feeding them cut bone. It keeps them laying regularly, in season and out. The

### STANDARD BONE CUTTER

Is the only machine that cuts bone across the grain, securing greatest food value. Cuts green bone, dry bone, meat or gristle. TEN DAYS FREE TRIAL TO PROVE SUPERIORITY. Cut shows No. 9 machine, price \$8.80. Many improvements in this cutter. 12 different sizes for hand and power, costing from \$4.75 to \$195. Write for free catalogue and free trial plan.

STANDARD BONE CUTTER COMPANY, Millford, Mass.



PRICE  
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WILL WIN  
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## FERRIS WHITE LEGHORNS ARE WINTER EGG MACHINES

Trapnested for heavy egg production. Will lay 160 eggs a year with ordinary care. Size, health, vigor, profit bred in the bone. Thousands of pleased customers all over the world. We ship on approval and guarantee satisfaction, or refund your money. Exhibition birds of finest quality. Hundreds of cocks, hens, cockerels, pullets at low prices. Write for particulars.

### 25 FIRST PRIZES AT 8 BIG SHOWS

Twenty five first prizes this fall at Iowa, Maryland, West Michigan, West Virginia, Kansas, Alabama, Mississippi state fairs. Send for list of winnings at other big shows.

### EGGS AND DAY OLD CHICKS

We can furnish 5000 chicks a week beginning March 15th. Eggs by the setting or thousand from our best layers and exhibition birds. Prices reasonable. Infertile eggs replaced free, live arrival of chicks guaranteed. WRITE FOR 132 PAGE FREE CATALOG. Describes stock, farm methods and gives prices. Don't buy until you get your copy. A postal brings it.

GEORGE B. FERRIS, THE FERRIS LEGHORN FARM, 908 Union Ave., Grand Rapids, Mich.



fancier who keeps his birds in well built houses, scrupulously clean ones and given daily minute attention, just imagine for one moment Dairy Place, Birmingham and Club Show winners running about in cattle yards and sleeping at night in any old shed, barn, tree or hedge that they feel inclined to and then he will have some idea of the accommodation possible for the well known Clampit winners."

The writer spent some time with Mr. Erent and was shown quite generally around Cornwall from here, being astonished everywhere by the number of Cornish bred.

With only three days left, a start was made for Southampton, and though seeing some Cornish in the direction of London, it must be said, Cornwall is the place where they "grind them out."

Sailed from Southampton on the 30th of August and the good old U. S. A. was sighted on September 7th, was greatly elated to find upon landing that the "Cornish, the Monarch of the poultry world" were at last in the "English Class" in our "Standard of Perfection." Hurrah for the tonic afforded by the salt sea air to the Revision Committee at Atlantic City.

#### HENS VS. PULLETS

At this season of the year many people are influenced to go in for poultry keeping. The poultry shows are in full swing and lots of poultry are changing hands, as the average poultry keeper has either some pullets or hens to dispose of. Many inquiries are at hand as to which are the most suitable and profitable to keep, viz: pullets or hens.

The term pullets to some people is very misleading. It really means a female bird hatched the current year, as a bird over 12 months old is a hen.

Now as to the difference in value financially. Prices vary of course in different districts, but in my opinion it is a poor forward pullet that is not worth as much again as a hen of any age. My advice to poultry keepers who have just as many pullets as they can accommodate is, not to sell. There is a big demand for winter eggs and at prices that pay, so that if your birds are of a laying strain or blood, you should with proper housing and feeding get a good return in eggs for your outlay and trouble. It is at this occasion that poultry fanciers estimate the great cash difference in full bred and mongrels. The reputed qualities of the former enhance their value as in the bulk of cases they have been bred for some definite object and then again they only cost to keep and occupy the same space or room as any kind of unprofitable fowl.

Now as to their cash value. Any breed or variety of pure bred fowls for utility purposes (only the forward pullet or March or April hatched) should be worth \$1.50 or \$2.00, as they should now be laying. As to hens, a lot depends upon their age and it is not wise to buy them unless their age is stated. It is admitted that poultry fanciers differ as to the most profitable year of a fowl for egg laying, their first or second, but very

little doubt exists as to their third year. It is a good hen that lays above 100 eggs in her third year, and it is proved as fowls get older they lay less in number and that they revert to be fine weather layers or lay less in winter. It is estimated that the average fowl could lay if only permitted to live, about 600 to 700 eggs. So that if a fowl can be induced to lay 200 eggs in each of her first and second laying seasons, then the other eggs she could occasionally be expected to lay would be spread over the remainder of her life time which of course varies at the option of the owner. As some men are foolish enough to keep some fowls until they die of old age or forget to keep a record of the fowls age and this results in keen disappointment to the purchaser, whether his object is eggs or table points.

Experience proves that old hens as a rule are fat idle birds and if of the heavy or utility variety they have generally a proportionate appetite so that the same food, time and trouble would be much better bestowed on young productive pullets.

H. Granger.

How many non-producers have you in your flock? Better find out at once as every one of these star boarders are profit eaters and you can't afford to supply that kind of diet.

\*\*\* Poultry house for all climates and all locations are fully described in "Poultry Houses and Fixtures." The most complete book ever published on poultry house architecture. Fifty cents per copy \*\*\*

## CAMPINES

When you write others be sure to write for my free booklet on Campines.

DR. J. H. PRUDHOMME, Desk B, THURMONT, MD.

THE FAVORITE



Six Sizes

## LEG BANDS

With Raised Figures

Made from Aluminum, strong, durable, smooth edges.



Adjustable

PRICES, EITHER KIND:

12 for 15c. 25-25c. 50-40c. 100-65c.

CHAS. L. STILES, 232 N. 3rd. St. Columbus, Ohio

**7.35** LOWEST PRICE YET **155 EGG**

**FOR BIG INCUBATOR**

Think of it! The old reliable Progressive 155-Egg Incubator for \$7.35. Money back with 8 per cent interest if not satisfied. Wonderful bargain! Only incubator with hundreds of dead air cells. Copper hot water boiler, double disc regulator, deep nursery, double doors, egg tester, safety lamp—every big feature—all for \$7.35 freight prepaid E. of Rockies. Incubator and Brooder ordered together, \$9.85. Send your money now, or, if you want more facts, write for our Big Free Book. **PROGRESSIVE INCUBATOR CO. Box 181 Racine, Wis.**

**155 CHICK**

## PRUYN'S SILVER WYANDOTTES

CHOICE STOCK FOR SALE.

J. W. PRUYN,

Grey Oaks,

YONKERS, N. Y.

**215  
EGGS  
A YEAR**

A flock of 31 Pullets grown from our Chicks averaged 215 Eggs a year in the hands of a customer—an amateur.

## MOUNT PLEASANT FARM SINGLE COMB WHITE LEGHORNS BRED-TO-LAY

DAY OLD CHICKS

EGGS FOR HATCHING

500 COCKERELS 2<sup>00</sup>EACH

We Guarantee Safe Delivery

Day Old Chicks

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**MOUNT PLEASANT FARM  
MT POCONO PA**

**READ  
OUR NEW  
BOOKLET  
FREE**



## SUPPLY OF FRESH EGGS INCREASING

**INCREASE IN SUPPLY OF NEW LAID EGGS LOWERS PRICES. HIGH PRICES THIS SEASON DUE TO NATURAL CAUSES. PULLETS ARE NOW LAYING**

Under date of December 9th, 1913, the Office of Information, Department of Agriculture, Washington, D. C., sent out the following comment on the fresh eggs situation and advanced many reasons for the short production. Some valuable suggestions are also offered to poultrymen in regard to handling their stock to insure an increased supply of eggs during the fall and early winter:

The reduction in the price of eggs, according to the specialists in the Department of Agriculture, is due more to the natural fact that the pullets have begun to lay again than to the effect of boycotts against eggs or other agitation. The pullets on the Government farm, and, in fact, throughout the country, have at last begun to lay, and already many poultry owners are reporting a fifty per cent. egg production.

The fact that fresh eggs are now beginning to reach the market has necessarily reacted on the prices at which storage eggs have been held. The explanation of the particular market shortage this fall dates back to weather conditions during the spring and summer. Investigation of weather conditions shows that the spring was unusually wet and cold, which set back the laying development of the

pullets; and the unusual drought in July further postponed the laying period, because both of these weather conditions affect the food supply of the pullets. As a result, the pullets that normally begin to lay in the fall have not commenced their laying until about a month later than the usual fall laying season.

Unless unusually cold weather intervenes, this pullet egg supply should now continue. The increased cold weather will naturally affect the laying of pullets allowed to run on the farm without proper shelter. The effect of cold weather on laying pullets can be greatly lessened however if the chicken owners provide suitable shelters from the cold.

The usual advance in the price of eggs during the fall of the year, particularly of fresh eggs, is largely due to natural causes. There is a time each year during the hen's life known as the moulting period, when the hens shed their old feathers and grow new ones. This process begins at any time from July 1 to September 1, and occupies about 90 days, the age of the hens having considerable influence on the time they start to moult. Two and three-year-old hens do not begin to moult as early as yearlings. Hens do

not start to lay until a week or two after the new feathers are fully grown and the bodies of the hens are well protected from cold weather. During the moulting period, few, if any, eggs are laid because all the feed the hen consumes is needed to keep up her health and vitality and produce the new coat of feathers.

It follows that practically the only source of fresh eggs at this time is the pullets hatched during the preceding spring. Pullets seldom lay until fully matured or grown, therefore, if the majority of pullets in a community are hatched late or for any reason have not been grown and matured properly, a scarcity of fresh eggs is bound to result. When climatic or other conditions exercise a widespread influence to retard the development of pullets over a considerable area, this shortage of eggs will be noticed over a wide extent of territory.

The only hope of increasing the fresh egg supply in the fall lies in the proper handling of pullets, as hens cannot be expected to lay at this season. To secure pullets that will lay in the fall, the American breeds should be hatched about March, and the Leghorn and other Mediterranean breeds somewhat later, in April or May. The Leghorn pullets begin to lay sooner after hatching than the American breeds. The question of feeding then comes in. Proper feeding will cause the pullets to lay during the fall and

# \$8.50 Buys 150-Egg Incubator And 150-Chick Brooder

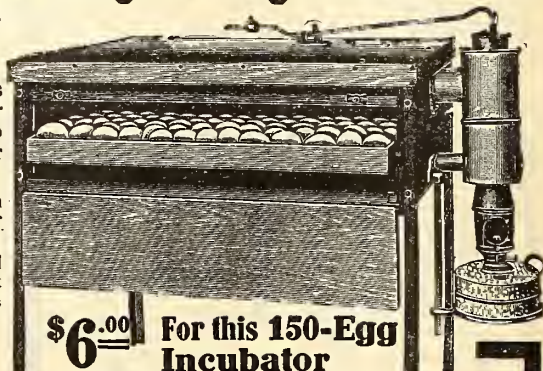
## Just Think of It!—Why Pay More?

### Here Is the Most Astounding Offer Ever Made for Chicken Raisers

Here is an offer you simply cannot afford to miss. This gives you everything you could want in a reliable hatcher at a price *never* quoted before for a machine fully guaranteed—shipped *ready to use*—no extras to buy. We charge only for actual cost of material and labor with one small profit, and depend upon enormous production.

Low buying prices, our modern factory methods and our direct to you plan cuts the price. Stop! Think of what this means! Where else have you ever heard of such an offer?

The machine has the *best* regulator; dependable thermometer; strong, well built egg trays; all metal safety lamp with bowl stamped out of sheet steel; best lamp bracket; steel legs; best egg tester. Write for this wonderful proposition on



**\$6.00 For this 150-Egg Incubator**

It comes to you all set up (not in knock-down form). Just fasten the legs and lamp bracket and start the hatch.

**Money-Back Guarantee**

## THE ROCKFORD Incubator and Brooder

**Incubator alone, \$6.00. Metal Brooder, \$3.00. Both Incubator and Brooder, \$8.50**

You could not ask for better quality—to pay more is needless.

It is heated with *warm pure air*. Foul or impure air is carried off. No chance for lamp fumes to enter egg chamber. All parts are heated evenly. Side walls and top are made of 1 inch lumber and lined with heavy deadening felt and again lined with ½ inch lumber inside. Heat cannot get out—cold cannot get in—fuel is saved.

The Brooder is water heated—fire proof and weather proof—easily handled.

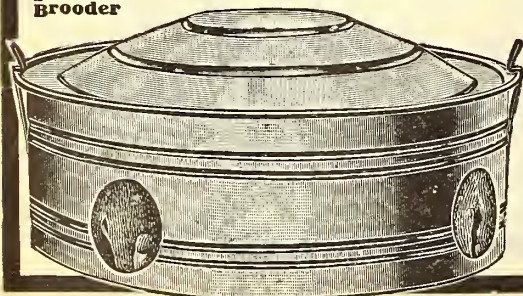
## Write at Once for Full Facts

Don't let anything keep you from this remarkable proposition. The quality is so good—the guarantee so strong and the price too low to let anybody miss it. We guarantee the incubator to satisfy you in hatches and also guarantee the metal brooder to raise chicks to satisfy you or we return your money.

Write us at once so we can lay the whole proposition before you. Address—

**The Rockford Incubator Co., Box 12 Rockford, Ill.**

**\$3.00 for this 150-Chick Brooder**





winter, but too heavy feeding or improper feeding will force the growth of the pullets to such an extent that they will begin laying in August and September, then pass through the moulting period in the fall the same as hens, and cease laying until warm weather. This is a difficulty that the skillful poultryman must avoid.

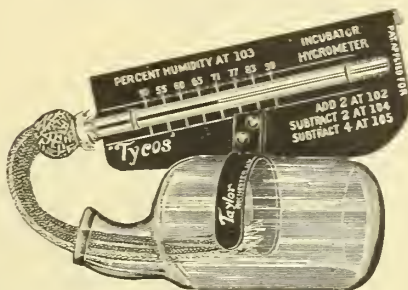
If proper methods in the growing of pullets were employed, much larger quantities of fresh eggs could be produced during the fall and winter, and this would assist materially in keeping the price for fresh eggs within reasonable limits at such times. The lack of a sufficient supply of fresh eggs during the fall and winter forces the public to depend on eggs stored during the preceding spring, and storage eggs advance greatly in price because of the scarcity of fresh egg supplies.

#### HOW TO SOLVE THE MOISTURE PROBLEM

One of the most perplexing problems of the incubator operator is how much moisture—if any at all—should be placed in the egg chamber during incubation. Unless one has some accurate instrument for determining the varying conditions in the egg chamber, from day to day, there is great danger of supplying too much or too little moisture. This results in many drowned or suffocated chicks in the shell, or chicks hatched with weak crooked legs. A large percentage of the chicks from such a hatch are stunted and they are always more susceptible to disease. Those that do finally survive, mature very slowly. The right amount of

moisture in the egg-chamber of your incubator means bigger hatches of strong, lively chicks with hardy constitutions.

If you would determine the actual moisture requirements in your hatcher,



Taylor Hygrometer.

use a "Tycos" Incubator Hygrometer. This instrument indicates accurately the amount of moisture in the egg-chambers so you may correctly regulate the supply. Every operator of an incubator should have one or more "Tycos" Hygrometers.

W. J. Campbell, the Single Comb White Leghorn breeder, West Greenwood Poultry Yards, Nashville, Tenn., says:

"The 'Tycos' Hygrometer has proven entirely satisfactory and I don't see how anyone can run an incubator without it. The difference in the number of chicks in one hatch will more than pay for it.

"It solves the moisture question, which is the main cause of so many chicks dying in the shell. Any time I can recommend either the 'Tycos' Thermometer or Hygrometer, I will be only too glad to do so."

Another breeder, Mr. A. M. Becker,

the Single Comb White Orpington Specialist, of Atlanta, N. Y., says:

"I would not take a great deal for my 'Tycos' Hygrometers. They give me at least 25 per cent. better hatches of larger and stronger chicks."

The "Tycos" Hygrometer is made by the Taylor Instrument Companies, Rochester, N. Y., manufacturers of the well known line of "Tycos" Incubator and Brooder Thermometers. Their booklet, "Thermometer Facts Worth Knowing", gives full description of "Tycos" Hygrometers and Thermometers and tells how they are made. It will be sent free to any reader of this paper. We suggest that you write for a copy of this valuable little booklet today.

#### EASTERN STAR RED

In a recent letter from L. W. Maxson, Scranton, Pa., we are advised that he was very successful at the Great Williamsport show, his Eastern Star Strain of S. C. Rhode Island Reds winning as follows: 1-4-5 cock; 1-4-5 hen; 3-4 cockerel; 1-2 pullet; 1-2 pen; his first cock bird winning over first cock at the last New York State Fair. Mr. Maxson was also awarded silver cup for best display and one for best pen.

#### WHITE PLYMOUTH ROCKS

Guy Daily of Jeffersonville, Ind., writes that he has about 400 birds to dispose of and has some bargains to offer to intending purchasers of White Plymouth Rocks. Mr. Daly's birds have been Blue Ribbon winners at Chicago and other leading western shows. They also made a big win at the New York State Fair, September, 1913. He will have thirty breeding yards mated for the coming season's egg trade. Descriptions of his matings can be obtained on request. In writing, please mention AMERICAN POULTRY WORLD.

# YOUNG'S STRAIN SINGLE COMB WHITE LEGHORNS

(I HAVE NO OTHER BREEDS)

They are the Standard for all the Leghorns over all America, and the greatest layers of all varieties of domestic fowls. I have hundreds of yearling hens for sale for from \$2.00 per head up, and the grandest lot of Exhibition and Breeding cockerels ever bred.

Remember you cannot win without my strain. Mating List Free.

Address

D. W. YOUNG,

MONROE, N. Y.





## OPEN FRONT HOUSES

ADVANTAGES AND DISADVANTAGES OF OPEN OR CURTAIN FRONT HOUSES AS TAUGHT BY PRACTICAL EXPERIENCE. SOME EXPERIENCES DURING THE SEASON OF 1912-13

BY H. L. GOODWIN

While the advantages of open front or cloth-windowed houses have been amply demonstrated in moderately cold climates, and even to a considerable extent in Maine, the unusually abnormally cold weather last season has changed the opinions of many as to the best poultry house for this climate, all things considered.

There are many partially open houses in this section which in moderately mild seasons have kept the birds fairly comfortable and have met the approval of the advocates of unlimited fresh air and from which good results have been obtained. Some of these houses at least did not produce as good results last winter, (1913), it having been impossible during the extreme cold of January and February to keep the birds comfortable in them even by the use of curtained roosts and the keeping of the curtained windows closed except in the mildest weather, which means most of the time for those two months.

I am a firm believer in fresh air and plenty of it, but when it is so cold that not only the combs but occasionally the feet of some of the birds on the outside roosts freeze in spite of everything that can be done to prevent it, then I think it is time to close the houses at least temporarily, and keep them warm enough so that the hens may be comfortable. Otherwise one can hardly expect to get many eggs during extremely cold weather.

I have put this conclusion into practical use, and my hens are laying much better. Through the extreme weather they did not lay nearly as many eggs as they did during the same period the previous season, nor did anybody's else in this part of Maine, so far as I have been able to learn; and I think this was due almost wholly to the way the birds are housed. I know of several poultrymen who have never adopted the open house idea, who had much better results last season than those who have open houses.

I do not wish to convey the idea that I favor the old-fashioned airtight house with many windows to draw the heat in which it is hot and close at noonday and cold and frosty at midnight; but I do favor a type of house that may be closed against wind and snow as well as the extreme cold of winters like last, and may be quickly converted into an open front house when the weather is suitable. The hens should certainly be protected against cold draughts and sudden changes and kept sufficiently warm to prevent the freezing of any part of their bodies, but at the same time should have free access to both sunlight and fresh air from the outside at all times.

One of my acquaintances built a poultry house 50 feet long and about

15 feet wide. He did not use it last winter on account of the cold, not because it is an open front house but because it is covered, roof and sides, with a cheap though highly recommended tarred roofing paper which has proven inefficient, especially on the north and west sides of the building. The house was well covered and in the summer and fall seemed all right, sound and tight, but the first strong winter wind apparently opened its pores, for since that day there has been no end of snow in that house, blown right through the walls during every storm.

The hens were not kept there, of course, but were huddled together in a dry compartment, where possibly there was room for one quarter of them, and possibly not. At any rate they did not lay during the entire winter eggs enough to make them at all worth considering. There were undoubtedly others in the same sort of a predicament. The trouble is that when summer comes we forget the cold, hard winters, and prepare for them exactly as others do in far warmer climes. We must, I believe,

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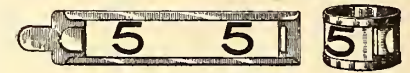
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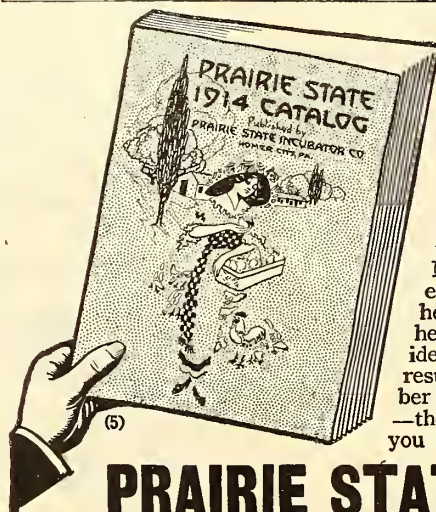
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to have constant success with our poultry, adopt some form of poultry building that may be adapted to weather conditions and that may be used either open or closed, accord-

which may have entered into the apparent inferiority of some of last season's hatches.

I believe it is wise to delay the setting of the eggs for hatching until



The Martz Buff Orpington Farm, Arcadia, Ind., is said to be the largest in the country devoted exclusively to this variety. A. E. Martz is one of the pioneer breeders of Buff Orpingtons in America and has not only built up a strain of exceptional high quality, but has also established one of the finest poultry plants in the country. Mr. Martz is a firm believer in the saying, "A thing worth doing is worth doing well", and how closely he has hewn to the line is evidenced in the well constructed and well kept buildings on his place. The above illustration shows the conditioning house where all birds are conditioned before shipment to customers or to poultry exhibitions.

ing to the circumstances, but I am afraid that it still remains for somebody to inform us how that sort of a house may best be constructed and I believe that even the best houses now in use in the northern portion of New England may still be improved upon.

I have had some complaints recently that chickens hatched last season have not developed as rapidly as some hatched in other years, and also some discussion as to why this might be so. So far as I can see there might be several conditions that would result this way, the most probable one being that the stock from which the chicks were bred was either impure or weak, either of which conditions might bring this result. Then again the chicks may not have been properly fed and otherwise cared for, or might have been hatched so late that they did not get a good start before cold weather set in. Then again they might have been chilled and stunted thus, or by disease contracted either from germs or through unsanitary conditions under which they may have been raised. Last season was in some respects an unfavorable one for chicken raising. The early eggs were not well fertilized, and there were few good hatches until comparatively warm weather had arrived, which made the most of the chickens reared late ones. Many of the early settings did not hatch at all and the discouragements in the early season very likely led to more or less carelessness later in the season when the late little fellows should have had the very best of care. Thus there are many elements

there has been quite a considerable mild weather to give the breeding flocks a chance to get into the very best condition possible. Here as elsewhere haste makes waste, and those who start their hatches later will in

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One hardy vine of each variety, Brighton, Wyoming, Concord, Champion, Moore's Early, Niagara and Moore's Diamond. Just the thing for the home garden or for arbor covering. A wonderful fruit offer. Home comfort, health, vigor and happiness greatly increased for only ONE DOLLAR. Vines sent post-paid. To everyone sending us a dollar bill for this grape vine collection, we will include a real valuable prize—a subscription to **GOOD POULTRY** a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Every grape grower needs poultry. **Good Poultry** alone, 10c a copy; 25c a year. Order now; write tonight for Bargain Fruit List, B.

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In the birds is the cause of 95% of the failures in the poultry business. Therefore see to it that you are one of the successful 5% this year by putting your birds on this economical scientific *horse sense* system that produces Stamina and Vitality; convince yourself by giving it a thorough trial.

Let us send you report from a leading experiment station that has fed 31,500 lbs. "Hen-e-ta" during the past four years, and is still feeding same.

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Win at Boston, First Pen, six times in past seven years. First Cockerel 1910, 1911, 1912. Second Cockerel 910, 1911, 1912, 1913. Let me quote you prices on a winning show bird or fine breeder. Send stamp for Catalog.

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are now bred at the E. W. BOGART R. I. RED FARM

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## A. B. C. AGAIN SUPREME

At the Rochester Industrial, September 15-20, 1913. The A. B. C. Strain of S. C. Buff Leghorns prove themselves invincible. In a splendid class they win under Judge Bean: Cocks, 1-2; Hens, 1-2; Cockerels, 1-2; Pullets, 1-2; Pens, 1-2. \$10.00 in gold for best display in competition with all varieties in the Mediterranean class. Judges and breeders agreed that never had such a string of Buff Leghorns been shown by any other breeder. Showing the wonderful uniformity of type and color through my flock. 100 cockerels and pullets ready to go in the show room now. Free,—Illustrated Catalogue and price list.

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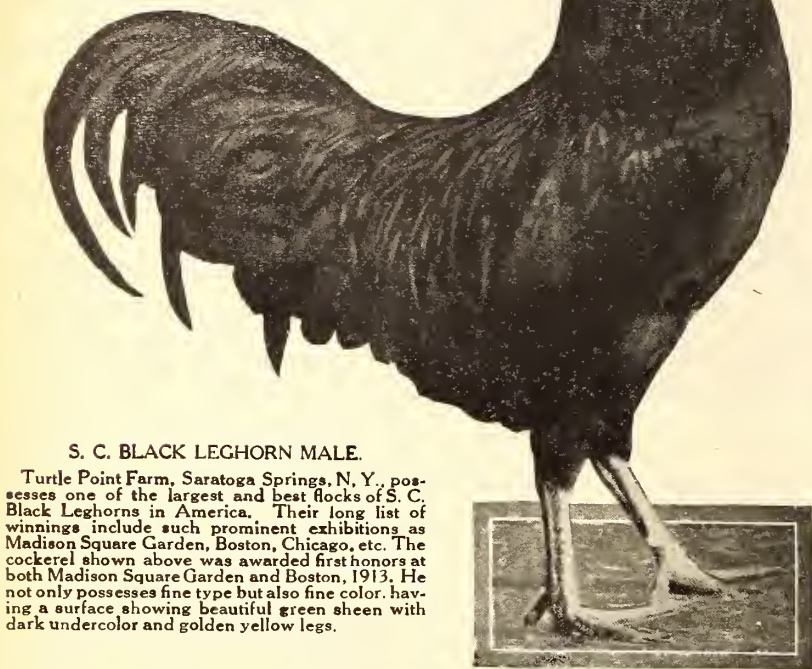
49 Thurston Road,

ROCHESTER, N. Y.



my opinion have less disappointments and better hatches than those who begin too early. Of course early hatches are desirable, but there are many circumstances which should be taken into consideration when settling this important question.

In the meantime the breeding pens should be well provided with hearty, nourishing food, including alfalfa or green food of some kind in liberal quantities and plenty of beef scrap, grit, shell, charcoal and pure fresh water. With careful attention to



S. C. BLACK LEGHORN MALE.

Turtle Point Farm, Saratoga Springs, N. Y., possesses one of the largest and best flocks of S. C. Black Leghorns in America. Their long list of winnings include such prominent exhibitions as Madison Square Garden, Boston, Chicago, etc. The cockerel shown above was awarded first honors at both Madison Square Garden and Boston, 1913. He not only possesses fine type but also fine color, having a surface showing beautiful green sheen with dark undercolor and golden yellow legs.

these details now there should be plenty of successful hatches soon after warm spring weather arrives, which is early enough for hatching in this climate.

#### THE GLOVERSVILLE SHOW

The recent exhibition of the Gloversville (N. Y.) Fanciers' Association was one of the most successful ever conducted in the Glove City, over 600 birds being on exhibition. The judges were W. H. Anderson, John D. Jaquins, I. F. Whitmyer and F. B. Zimmer.

The attendance was exceptionally good and the success of this year's exhibition has led those interested in its welfare to try and make next year's show one of the greatest in this section of the country.

One of the most interesting features of the show and one that attracted a great deal of attention was the egg laying contest between a pen of ten S. C. White Orpingtons and a pen of ten S. C. White Leghorns. The exhibitor showing the largest amount of poultry was the Turtle Point Farm, W. H. Manning, Proprietor, Saratoga Springs, N. Y. The quality of the birds in this exhibit is manifested by the large number of prizes that they were awarded. Their exhibit included S. C. White Leghorns, S. C. Brown Leghorns, Black Leghorns, Duckwing Leghorns, R. C. White Leghorns and R. C. Brown Leghorns. Their winnings were as follows: S. C. White, 2-3 cock; 1-2 hen; 2-5 cockerel; 4th pullet; 1 pen old. S. C. Brown, 1 cock; 1 hen, 1 cockerel; 1 pullet and 1 pen. Black, 1-2 cock; 1-2 hen; 1-2 cockerel; 1 pullet and 1 pen. Duckwing, 1 hen; 1 cockerel; 1 pullet. R. C. White, 1-3 cock; 1-4 hen; 4 cockerel; 4 pullet and 1 pen old. R. C. Brown, 1 cock; 1 hen; 1 cockerel; 1 pullet and 1 pen.

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#### MERIHUEW'S BUFF LEGHORNS

Win again all firsts at New York State Fair, five regular and six special prizes at Madison Square 1913. Silver Cup best display at Auburn 1913, write for mating list giving show record for last 15 years. We have for disposal 50 male birds. Eggs and stock,

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Darst's Imported Strain win at Ohio State Show seven prizes, Ohio State Fair all prizes, Cleveland Show 1912, two prizes on two entries. Stock and eggs for sale. Best eggs \$5.00 per 15.

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We furnish winners but breed our own. Stock in old and young that will improve your flock. Order now, it may be your last chance.

31 years a Fancier.

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Will win for you. I have 12 Cocks, 30 Hens, 50 Cockerels and 50 Pullets for sale. Write your wants. I guarantee satisfaction. Strengthen your flock by using EASTERN STAR BLOOD.

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Bred to lay and win, 400 large show white vigorous youngsters raised on free range now ready for your approval. Some choice yearling males and females for sale. Don't think because I sell winners for some of America's best shows that my prices are high. Write just what kind of birds you want and let me quote you prices. Every bird I ship is better than the description and every sale guaranteed satisfactory.

FRED C. LISK,

Box L,

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**BUTTERCUPS** —Now booking orders for 1914, Hatching Eggs from my splendid pens. Prices: Pen No. 1, \$5.00 per 15; Pen No. 2, \$3.50 per 15; Utility, \$2.50 per 15.  
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S. C. White Leghorns White Wyandottes  
Imperial Pekin Ducks White Indian Runner Ducks  
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Book your orders now for Hatching Eggs, Chicks and Ducklings.

Our Ducks were winners at Allentown, Hagerstown, Philadelphia and Baltimore Shows.

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## POULTRY AS A PROFITABLE SIDE LINE

PROPERLY CONDUCTED, POULTRY RAISING SHOULD PROVE PROFITABLE ON EVERY FARM. ONLY THOROUGHbred FOWLS SHOULD BE TOLERATED. ONE BREED OR VARIETY SUFFICIENT

BY J. W. BEESON, A. M., LL. D.

As a College Poultry Farm we are often asked about profits in poultry raising. That question can not be answered in a word or a sentence.

Poultry raising may or may not be profitable owing to many conditions. Every farm can and ought to make poultry a profitable business as a side line. Every farm has, or ought to have plenty of feed of a proper variety. The waste grain about a barn, the table scraps, the trimmings and peelings of vegetables, fruits and a patch of green oats or rye furnish the very best kind of feed for fowls. If the farmer will take the trouble to make one or more good poultry houses that face the South in a sunny, dry place, closed in tight on the North, East and West sides so that no wind can get in and have the South side open or closed in with a wire netting, with a good roof to keep the house dry, he should have good luck and get eggs all winter. The house must be kept clean and the roost and walls should be sprayed with kerosene and crude carbolic acid occasionally. Ashes sprinkled on the roost and dirt floors will be good.

A flock of from one hundred to

five hundred fowls, (thoroughbreds) on a farm with proper attention will add quite an income to the farm and will cost very little. It will not pay to keep scrub fowls or mixed breeds. They are frequently not worth their feed. If farmers can realize that there is as much difference in common chickens and blooded fowls, as in razor-back hogs and fine breeds, they would sell the old stock and get one strain of blooded stock such as Orpingtons, (black, white and buff), White Wyandottes or Rhode Island Reds, which are all fine general breeds. Have only one breed and do not cross them. Get a good laying strain raised and bred scientifically and you will never regret it even if they cost high to begin with. Get a trio or a pen if you can and if not, buy some eggs from the best pens but don't get cheap stock from someone who does not line breed. Do not keep laying hens but one season though you might keep a few of your best specimens over for breeders and mothers. They lay forty per cent. fewer eggs the second year than the first and are not profitable for eggs the second year.

The Indian Runner Duck is a fine egg producer and is not subject to contagious diseases. They eat coarser food than chickens, require less fencing and will forage for much of their food, and are quite profitable if properly managed.

An exclusive poultry farm requires special skill and I would not advise anyone to go into that for a business on a large scale until he or she has had some experience. Start on a small scale and let the business grow as your knowledge grows. Study the market and the whole business by actual practice. One can make money or lose but he must give it close personal attention. Do not depend altogether upon hired help, because no one will attend to it like the owner no matter how good a man he is. Hire helpers but stay with the business yourself if you want to succeed. There is profit in poultry if properly managed. I know a man that cleared \$2,600 in a year net profit on nine hundred hens and hauled his feed nine miles over a bad road and carried his produce the same distance. He and his wife did all the work. What he did others can do. I know another man who makes all the money he spends for what he needs on his farm from his poultry as a side line and makes his crops clear. When he began the poultry business he had nothing, and now he has \$10,000 in the bank in stock and deposits. What he did others can do if they try.

Yes, there is profit in poultry if



1st Cock, Boston, 1913

COCKS 2-3-4

27 Birds in Class

## Victory-Palace Show-Victory

Leghorn experts declared that our S. C. White Leghorn Classes at the Palace Show, December 2-6, 1913, contained a higher average of quality and more good birds than any other exhibition held down to date. In this premier exhibition of the greatest variety of Standard bred poultry

### Dune Alpin S. C. White Leghorns

won a sweeping victory:

HENS 1-3-5

30 Birds in Class

COCKERELS 1-2-3

37 Birds in Class

PULLETS 1-3-5

32 Birds in Class

PENS 2-3

23 in Class



1st Cock, Palace, 1912

The following Specials:—Best Pullet in show, Best Display any one variety, Champion S. C. White Leghorn Male, Champion S. C. White Leghorn Female, Best Colored Male, Best Colored Female, Best Display of S. C. White Leghorns.

We won 1,000 more points on S. C. White Leghorns than any other exhibitor. In competition with 24 exhibitors out of 45 birds under the ribbons 22 were Dune Alpin entries.

### STOCK FOR SALE

We are now in a position to furnish exhibition and breeding stock Birds that have the same rich blood lines, and are closely related to our winners at the Palace, Boston, Hagerstown, Allentown, etc.

### EGGS FOR HATCHING

We have reserved most of our winners for our breeding pens and for the season's egg trade will have the finest matings in existence.

Our beautiful catalogue showing illustrations of prize winners, chicks on range, houses, etc., is free for the asking if you mention this paper. Address

## DUNE ALPIN POULTRY FARM



1st Cockerel, Boston, 1913



1st Cockerel, Palace, 1912

Geo. J. Kerr, Mgr.,

EAST HAMPTON, L. I., N. Y.



properly attended to, but it is not a lazy man's work. Like everything else, it calls for industry and perseverance and brain work. Furnish these and you will get results.

This college will be glad to assist anyone in making a success of poultry raising. If questions are asked send stamps for reply.

NOTE:—Mr. Beeson is at the head of the Woman's College, Meriden, Miss., and is responsible for the successful poultry plant that is conducted in connection with that institution.—(Editor)

#### SIX REMARKABLE HATCHES

We publish herewith a letter from The Buckeye Incubator Co., which refers to a question that has been argued pro and con for a great many years.

We are quite sure that it will prove quite as interesting to our readers as it was to us.

Springfield, Ohio, December 1, 1913.

American Poultry World, Buffalo, N. Y. Gentlemen:—You will no doubt be interested to learn the results of six different hatches that were made simultaneously in six different parts of the country with six Buckeye incubators of exactly the same type.

This record was kept for the purpose of learning whether the widely different atmospheric conditions would make any difference in the hatching results or the vitality of the chicks, and we were much gratified to prove conclusively that all machines hatched equally well, despite the fact that no artificial moisture was used in any of them.

This test was made during the most unfavorable part of the hatching season, and resulted as follows:

Albion Poultry Yards, Bangor, Pa. Hatched 149 chicks from 150 fertile eggs. All chicks strong and healthy.

N. F. Hewes, Gulfport, Miss. Hatched 109 chicks from 110 fertile eggs. All chicks strong and healthy.

Maplewood Poultry Farm, Cheshire, Conn. Hatched 98 chicks from 98 fertile eggs. Operator never used an incubator before. All chicks strong and healthy.

Shady Oak Poultry Farm, Hendricks, W. Va. 95 chicks from 102 fertile eggs. All chicks strong and healthy.

W. H. Jones, Philadelphia, Pa. 101 chicks from 101 fertile eggs. Hatch made in a store under very unfavorable conditions. All chicks strong and healthy.

L. C. Poling, Parsons, W. Va. 98 chicks from 102 fertile eggs. All chicks strong and healthy.

The results of this test convince us that artificial moisture is entirely unnecessary when the incubator is properly constructed to provide moisture in the natural way—and should set aside any further argument as to the necessity of using artificial moisture in incubators.

Of course there are any number of incubators that cannot be operated successfully without artificial moisture, simply because their system of heating and ventilating demands it, but under the improved system of heating and ventilating used in the construction of the Buckeye incubators, they can be operated with equal success in any climate and under any conditions. We just had a communication from a customer in New Mexico (which is admitted to be the most difficult climate for artificial incubation) advising us that during an entire season's hatching with his 110-egg Buckeye, he had but two dead chicks in the shell all season.

During the season just passed we received hundreds of testimonial letters from all parts of the country, all showing the same high percentage of hatches from all of the five sizes of machines that we build, ranging from 60 eggs to 350 eggs, thereby proving conclusively that the Buckeye no-moisture plan of hatching is more uniformly successful than the old guesswork plan of trying

to figure out just when, and how much, moisture should be applied.

We know that you will be gratified to have this old argument settled conclusively, and if any of your readers should want any information on the subject in question, we would be very glad to have you refer them to us.

Yours very truly,

The Buckeye Incubator Co.,  
By George Cugley, President.

Don't expect the best results if you use pullets in the breeding pens. Yearling birds are always to be preferred as breeders.

For High Quality **BARRED ROCKS** at Moderate Prices  
My birds will be mated January 1st and after January 10th I will have eggs for hatching.  
Write C. H. BOSCHEN, ASHLAND, VA.

## URBAN FARMS, PINE RIDGE, BUFFALO, N. Y.

Prize winning Black Langshans, White Plymouth Rocks, Anconas, Houdans, Silver Campines, Mottled Javas, Black Tailed White Japanese Bantams and Mille Fleurs.

Mating List for 1914 on application.

#### HOW TO RAISE BABY CHICKS

The complete records of the twenty most successful baby chick raisers in America are given in this illustrated, helpful and valuable 32-page book. Write for it at once. It's free. Hover-Incubator Mfg. Co., Box 611, Browns Mills, N. J.

## BOOK FREE



## Money Making Outfit

### This 60-Egg Hatchalot Incubator

will start you on the road to poultry profits with early chicks. Made of best cypress, "the wood eternal."

Large double-jacketed boiler gives a mild, dependable heat, preventing evaporation of moisture and assuring healthy, vigorous chicks from every fertile egg.

Self-regulating, economical, durable. Sold with money-back guarantee.

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\$7.50

### The Inter- national Sanitary Hover

Keeps chicks thriving from the day they are hatched. Portable; ready for instant use anywhere. Vermin-proof galvanized metal, heavily insulated and practically everlasting. Warmest at the outer edge; chicks will not crowd. Heats from above, ending leg weakness and diarrhoea. Cannot burn, break or warp. Nearly 200 square inches more brooding space than ordinary hovers. Used everywhere by money-making poultrymen

Price, \$8.50

### 6 in 1 Exerciser Feeder

Keeps Poultry active and healthy by making them work for their feed. Prevents overfeeding and induces laying. Holds all the food needed—central section for grain, six other sections for dry mash, beef scraps, grit, etc.—all other feeding devices unnecessary. Made substantially of galvanized metal and supported by four strong iron legs. No food can be wasted. Pointed cover keeps top clean. Used on world's largest poultry farms. Increases poultry profits everywhere

Price, 40-quart, \$4.75; 20-quart, \$3.75

#### Ask Your Dealer

This equipment is sold by dealers everywhere. Ask us for name of nearest dealer.

#### Get the Catalog

Tells how to make more money through improved hatching, raising and feeding. FREE.

Hover-Incubator Mfg. Co., Box 611, Browns Mills, N. J.



## HOBBIES OF POULTRY JUDGES

By J. H. Drevenstedt

(Continued from page 157)

had with George Purdue way back in the eighties, not only on chickens, but on flowers. Mr. Purdue was a florist and one of the keenest students of plant and animal breeding I have ever met. He was intense in his likes and dislikes of men and things, but a splendid fancier for all that.

His hobby was the finely laced tail coverts of the Light Brahma female and as a breeder did more to perfect this. It may have been a hobby, but it helped make the Light Brahma one of the most beautiful birds on earth.

The two old timers who have no hobbies are Richard Oke and Hamburg Bill Minich, for as they often explained to us: "We have no time for hobbies, we are business men." The fact is there are no busier men in or out of the show room than these two veterans.

### HOBBIES THAT ARE DANGEROUS

We have called attention to a few of the justifiable and harmless hobbies possessed by some of the older judges. These rarely, if ever, interfere with their judgment when awarding prizes in the classes assigned to them. Strong as George Purdue was for fine hackle and tail coverts in Brahmas, and keen as George Burgott was for striped hackle and saddle in Brown Leghorns, neither lost sight of the type of the breed when selecting the winners.

But we have had and have today, judges whose hobbies are dangerous and calculated to create ill-feeling. One of these is the so-called under-color hobby; in other words a craze that amounts to a crime at times. When a judge finds the most beautiful surface colored bird slightly deficient in under-color and disbars the specimen, his hobby is a dangerous one. We have seen too many fine specimens thrown out for very trifling defects in the under-color. It is true an arbitrary Standard permits a judge to do such things, but we have never found a real genuine fancier who could or would do it, unless it was a positive disqualification.

Remove color disqualifications from the Standard and you will remove not only the unjust discrimination of judges, but kill their hobbies at the same time.

Another serious or rather sad hobby is stub or down hunting. When a judge goes so far as to use magnifying glasses and a pen knife in search of a lonesome stub on the shank of a fowl, he makes the judging a farce. It is pitiful enough to throw out the finest specimen in a class, because of a tiny speck of down between the toes, but it is a thousand times more pitiful to find a pudge digging beneath the scales to locate a stub.

Hobbies may be necessary in this world and no doubt all poultry judges and breeders have their share of them, but we do most emphatically protest against the color and stub

crank hobbies, that are inadvertently encouraged by the American Standard of Perfection.

Now that the latter is being revised, it is to be hoped that more liberal laws relating to color disqualifications as well as to down and stubs on the shanks and toes will be enacted. The quickest way to get rid of all fads, notions and hobbies is to judge the specimens by the accepted shape ideal and the outward color markings allowing undercolor to be a secondary consideration at all times. Visitors at our poultry shows have no hobbies, but they have eyes that can see and admire the beautiful markings in a specimen, without going into an examination of the under parts. As the veteran J. A. Tucker remarked to me several years ago: "I hope to see the day when birds can be judged without removing them from the cages." If that ever comes to pass, it is good bye to many of the hobbies existing today.

The best breed of poultry is the one with which you can achieve the greatest success.

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Winners at leading shows of Middle West. I have a large number of extra choice Cockerels from which to select you a male to head your breeding pen—"Raven Blacks" will add quality to your flock and dollars to your bank account. Write your wants. Now booking egg orders.

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Bred for perfection in standard requirements combined with extraordinary egg production. Eggs \$2.00, \$3.00 and \$5.00 per 15; Baby Chicks 15c, 20c and 25c each. Special price on eggs and chicks in larger quantities. Remember it is important to order both eggs and baby chicks now. That will insure you of getting them when you want them. If orders are delayed until hatching season you may be disappointed. Capacity 20,000 Baby Chicks per season. Also cockerels for sale.

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Will they grow into birds that I can feel proud of and that will lay Winter Eggs in quantities, or win the blue ribbons for me, or will they be just scrubs, that's the question before everyone who buys day-old chicks. It is not the first price that counts, but will they be right at maturity?

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Will mature into blue ribbon winners. Every exhibition pen is made up of birds with good combs, of good type and chalk white in color, possessing blood lines of generations of Fisbel blue ribbon winners. Our birds were among the principal winners at the Indiana Fanciers' Show, Indianapolis, 1912.

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not only arranges for the man who orders in advance but for the one in a hurry. Thousands of eggs are setting which will make possible DELIVERY OF ANY NUMBER ON SHORT NOTICE.

R. C. CALDWELL, Box 102-A, LYNDON, Ross Co., OHIO



## TRAP-NEST A VITAL FACTOR IN PROGRESSIVE POULTRY CULTURE

By Chas. L. Opperman

Formerly with the U. S. Dept. of Agriculture

(Continued from page 153)

hen without the introduction of new blood, should clearly convince the average farmer and poultry keeper that by careful selection, care and feeding, similar good results will attend their efforts. This is in reality the big practical lesson that was demonstrated by the work.

### AN IMPORTANT POINT

Perhaps one of the most important points of the earlier work at the Maine Station was the discovery of the fact that the progeny of hens producing 200 or more eggs each during their pullet year, did not as a rule make high egg records and were in fact no better producers on the average than individuals from the general flock. These results led them in the reorganization of the work, to adopt a new plan of breeding which would enable them to discover by means of pedigree analysis those individuals of the general flock which possessed high fecundity in inheritable form and the later work along this line gives much promise of substantial progress.

### THE TRAP-NEST AS A GUIDE IN BREEDING FOR INCREASED EGG PRODUCTION

We have already seen how simple mass selection from trap-nest records has been of little or no avail in substantially increasing the productive powers of hens having an average yearly record of 125 eggs each. Let us analyze then the more progressive measures which have been adopted during the past half decade and determine if possible their application in the field of practical husbandry. The bulk of the credit for progress along this line is due to Dr. Raymond Pearl of the Maine Agricultural Experiment Station whose brilliant work of the past five years has made it possible for the experienced poultryman as well as the amateur, to make intelligent use of the trap-nest in breeding for increased production.

### ESSENTIAL FACTORS

The first and absolutely essential factor in breeding for high production is constitutional vigor and vitality. This point must never be lost sight of even at the expense of the most phenomenal performers. Any fowl regardless of its egg record, which from chickhood to maturity has shown signs of ill health or which has been subject to a disease of any kind, should never be used as a breeder. This should be the golden rule with poultry breeders and applies to males equally as well as to females.

One of the surest ways of testing constitutional vigor is to keep a record of strong livable chicks that each and every dam in the breeding pen produces. From such records select only such dams as have produced a high percentage of livable chicks. Dr. Pearl gives the following additional rules on breeding for greater production:

1. "The use as breeders of such females only as have shown themselves by trap-nest records to be high producers, since it is only from such females that there can be any hope of getting males capable of transmitting high laying qualities.
2. "The use as breeders of such males only as are known to be the sons of high producing dams, since

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To Mark Chickens  
**CHEAPEST AND BEST**  
12 for 15c; 25-50c; 50-75c; 100-60c; 175-\$1.00;  
200-\$1.10; 500-\$2.50. Price list and sample 2c.  
Frank Myers, Mfr., Box 75, Freeport, Ill.

**100 STRAWBERRY PLANTS** \$5  
Michigan grown, hardy and healthy. A most delicious fruit. Occupies but little space. Wonderfully profitable. 25 of each variety: August Luther, extra early; Baldwin's Pride of Michigan, medium early; Gibson, medium late; Aroma, the best, extra late. You will have strawberries the season through. Sent postpaid. The best selection for the home garden. With every order for \$1.00 we include a subscription to **GOOD POULTRY** a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. **Good Poultry** alone, 10c a copy; 25c a year. Poultry and fruit go well together. Order now, write tonight for bargain Fruit List, B. Also bargains in fall bearing strawberries.  
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Bargain List and Illustrated Mating List free. **RIVERDALE POULTRY FARM, RIVERDALE, N. J.**

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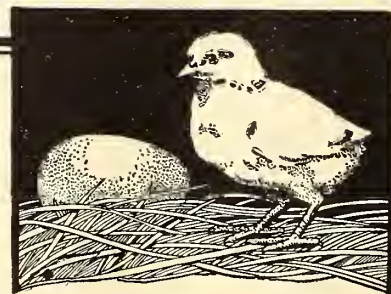
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The kind that live and give results. Over 80 per cent of his old customers ordered from Tolman last year. Book your order early. Circular and price list free. P. O. Address

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Minimize your losses by feeding H-O Steam-Cooked Chick Feed. It builds up bone, flesh and feathers—turns chicks into sturdy chickens.

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Sold only in 10-lb., 25-lb., 50-lb. and 100-lb. bags, with tag showing guaranteed analysis. If you cannot get H-O Steam-Cooked Chick Feed, Intermediate Scratch, Scratch Feed, Poultry Feed, Dry Poultry Mash or Chick Feed from your dealer, write for sample and prices.

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## PRUDHOMME'S CAMPINES WINNERS

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**DR. J. H. PRUDHOMME, Desk B, THURMONT, MD.**



only from such males can we expect to get high producing daughters.

3. "The use of a pedigree system whereby it will be possible at least to tell what individual male bird was the sire of any particular female. This amounts in ordinary parlance, to a pen pedigree system. Such a system is not difficult to operate. Indeed many poultrymen, especially fanciers, now make use of pen pedigree records.

4. "The making at first of as many different matings as possible. This means the use of as many different male birds as possible, which will further imply small matings with only comparatively few females to a single male.

5. "Continued, though not too narrow, inbreeding (or line breeding) of those lines in which the trap-nest records show a preponderant number of daughters to be high producers. One should not discard all but the single best line, but should keep a half dozen at least of the lines which show the highest production of high layers, breeding each line within itself.

"Items 3, 4 and 5 imply the carrying over of a considerable number of cockerels until some judgment has been formed of the worth of their lines, through the performance at the trap nest of their sisters. Item 5 assumes as an absolutely necessary prerequisite, that the policy advanced in the paragraph concerning constitutional vigor, will be faithfully and un-faithfully observed."

These five brief rules given above sum up in a very few words the cream of several years of earnest painstaking work. At first glance they may appear to be a little difficult of application, but when we consider that their working out will almost double the present billion dollar value of our industry, the efforts put forth in their execution appear insignificant indeed. Substantial progress is, and always will be, the outcome of hard work and keen observation and never the result of haphazard, happy-go-lucky methods.

There are a great many people who are so situated that they are unable to make use of the trap-nest in their efforts to increase the productiveness of their fowls, and it is for the benefit of such that the writer wishes to say a few words concerning other methods of procedure. While it is

obvious to all that the trap-nest is the logical means of bringing about this desideratum, it must also be born in mind that there are certain practical truths which have been discovered, through its use in various experiments, that can be successfully applied without its further aid. Briefly stated these truths are as follows:

(a) Other things being equal, the pullets that commence to produce early in life are, as a rule, the best performers. Watch the pullets in the fall and those which begin to lay between the first of November and Christmas should be marked in such a way that they can later be used for breeding purposes.

(b) Mark all chicks in such a way that their age may be determined at any time.

(c) Never retain the average hen as a layer after she has passed her second year. The trap-nest shows conclusively that under general conditions the first and second years of the fowl's life are the most profitable ones.

(d) All males used for breeding should be the sons of pullets that were selected according to paragraph (a).

(e) Make it an irrevocable rule never to use any individuals for breeding except those possessing a high degree of health and vigor.

The thorough application of these simple rules by those who are not in a position to benefit by the trap-nest, will do much toward building up a

higher standard of production in their fowls.

## THE TRAP-NEST AS A FACTOR IN STUDYING DISEASES

One of the most baffling of poultry diseases which has confronted poultrymen

## ROSE COMB WHITE LEGHORNS AND BUFF ROCKS

11 years' careful breeding; strong, hardy, farm reared. Our winning at 29 large shows proves our quality. Stock and eggs at honest prices

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Greatest fruit tree bargain ever offered. A good assortment of hardy trees, just right for planting: 4 Jonathans, 4 Spitzenbergs, 4 McIntosh Red—all for ONE DOLLAR, postpaid. Enough for any home. Good fruit means good health. Eat apples and save the doctor's bill. A home without the apple tree is incomplete. To make this \$1.00 offer doubly attractive, we include a subscription to

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farming, with special attention to the care and handling of poultry. Tells how to make \$300 per acre per year on any farm from 5 to 100 acres. Poultry needed in every orchard. Good Poultry alone, 10c a copy; 25c a year. Order now, write tonight for Bargain Illustrated Nursery List, B.

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4 ft. 8 in. 64 sq. ft. floor space, 2 stories high, a convenient 15 to 20 ft. long, suitable and 14 ft. floor removable, move and drop boards, easily cleaned, each side of the roof in one piece waterproofed, board covered, sides, no leaking, painted complete, weight 400 lbs., shipped knock-kind, dis. erected in 10 minutes. A mail will convene you we are waiting on orders. Price \$10.00 f.o.b. Howell, N. Y. Plans \$1.00. Send stamp for catalog.

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## TRUE INDIAN RUNNERS

First prize and cup winners at Madison Square, Philadelphia and Boston. Prolific utility stock also show specimens. Heavy laying practical **BARRED ROCKS** of unusual value.

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## STILLWAGEN'S SINGLE and ROSE COMB REDS

My winners were the sensation of the Easton, (Pa.) Quality Show November 18-22, (See report of show January issue A. P. W.) On Single Combs my entries won:—1-2 cock; 2-3-5 hen; 1-5 cockerel; 1-2-3-5 pullet; 2 pen. On Rose Combs:—2 cock; 1-2 hen; 1-2-3 pullet; 1 pen. My birds have been

**Winners at Allentown and Hagerstown, 1913.**

My strain is line bred. I know the sire and dam of every bird in my matings for 1913-14. They have the correct size and type and rich brilliant surface and under-color with black wing markings and good greenish black tails. A limited number of eggs for disposal from six selected matings. Send for mating list and description.

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38 So. 7th St.,

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## PROOF—THAT PARKS' STRAIN OF BRED-TO-LAY BARRED PLYMOUTH ROCKS MAKE GOOD

Mr. O. F. Mittendoef, Lincoln, Ill., Hen, Liberty Bell, record 271 eggs per year. Miss Lillian C. Adams, Boonton, Mo., Pen won Golden Egg Cup, Missouri Laying Contest. Rev. H. W. Hal, Savannah, Ga., Hen No. 141B, record 605 eggs three years, 229 eggs third year. H. W. Blasey, Pemberville, O, Hen No. 9 laid 257 eggs in 329 days. Parsons Chicken Ranch, El Paso, Texas, 22 hens records from 200 to 245 eggs. Dr. A. R. Winton, Franklin, N. C., 14 hens averaged 242 eggs. D. R. Morgan, Port Allegheny, Pa., Hen Miss Wonder 231 eggs in year, 148 in 148 days.

Get interested in the breed that the breed booms, don't fade. Write to any of the above perhaps they have a little surplus stock of the strain that put the lay in the Barred Rock family. I have a few pedigree breeders for foundation stock. Also a fine selection of **Cockerels at \$3 up**. Cockerel, Chick and Egg Circulars Free. 40-page catalogue after February 1st.

J. W. PARKS,

Box W,

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trymen in recent years is the so-called "White Diarrhea" disease of chicks. The inroads which it made on the young chicks were so disastrous that it bid fair to well nigh exterminate the poultry industry in certain sections of the country. A careful, thorough study of the malady, soon after its appearance, failed to be of any great value to those most vitally interested and it was not until later investigation, when the trap-nest was employed as one of the means of studying the character of the disease, that the actual source of the trouble was determined. The trap-nest quickly proved that the disease was in many cases harbored in the ovaries of the mother hen and transmitted through the egg to the new born chick. Thus the way was at once opened for work that would lead to tangible results in combating and eliminating this disease. Likewise in the study of any disease where detailed, accurate records are desirable for every individual, the trap-nest becomes at once an indispensable feature.

#### THE TRAP-NEST'S STORY OF BIG AND LITTLE HATCHES

The writer has often wondered if the great majority of poor hatches under artificial conditions are actually the result of improper incubation and inferior machines. That there is another side to this question he is well aware and in carefully studying certain investigations which he has carried on, he is strongly inclined to believe that the former conditions are only in part to blame. A study of pedigree record sheets will reveal strong evidence to substantiate this point.

In the course of such a study the writer found that in practically any given flock of fifty or more birds, regardless of feeding, environmental conditions, there existed individuals of both high and low procreative powers. For example, with the aid of the trap-nest, in a flock of fifty hens, it was possible to select five or more individuals whose eggs when incubated gave rise to a 90 and sometimes 100 per cent. hatch of fertile eggs. Also from the same pen five other individuals could be selected whose eggs would show fertility but would fail to produce over a 20 per cent. hatch, if they hatched at all. All birds had the same conditions of housing, management and feeding and the eggs also were given the same care in both cases. Here again the question of constitutional vigor comes up for consideration, for it was mainly the lack of this asset that caused the weakened condition of the embryonic chicks in the eggs of the latter hens. Thus the trap-nest unfolds another chapter of

the hen's history before our eyes and by so doing points out the way in which we may build up a very prolific strain of birds.

The fancier, as well as the investigator and utility poultryman, finds the trap-nest of great value in producing the blue ribbon winners of the show room. The detailed, accurate records which it furnished him of all sires and dams used in the breeding pen, enables him to confine his efforts to those blood lines which give rise to the highest percentage of perfect specimens. Thus the item of chance is again eliminated and in its place comes the system and accuracy that will make for successful results.

Little did we realize in the beginning that this small mechanical device would in the years to come unfold to us the inmost secrets of the feathered lady's life. Today, however, we are beginning to realize more and more its tremendous influence in the building and shaping of an industry that ere many years have passed, will be second to none in the realm of agriculture.

\*\*\* Reds! Reds! Reds! Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy \*\*\*



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My book, "Campines by Jacobus" Free unless you prefer to send postage.

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## FEED SPROUTED OATS and GET WINTER EGGS

Nothing better as an egg producer. Costs less than any other feed. Aids digestion.

### The Valley Oat Sprouter

AN ALL METAL MACHINE

Lasts a Life Time. Can be operated in Kitchen, Cellar or Office. Large enough for 150 hens. Price \$6.00. Immediate delivery. Order direct from this advertisement.

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IT IS PROOF

## S. C. WHITE LEGHORNS

Buffalo, November 24th-29th—2nd and 4th Cock, 1st Hen, 2nd Cockerel, 1st, 3rd and 4th Pullet, 3rd and 4th Pen. Albany—2nd and 5th Cock, 1st, 3rd and 5th Pullet, 5th Cockerel, 3rd and 4th Old Pen, 4th and 5th Young Pen. Grand Central Palace, N. Y., in the hottest class of S. C. White Leghorns ever brought together, we won 4th Pullet, 4th Pen. Also winners at Boston, Syracuse and Trenton. Some of last year's breeders for sale cheap. Exhibition birds at prices that will astonish you. And remember we ship on approval. Cockerels and Pullets now ready to show and win for you. Guaranteed.

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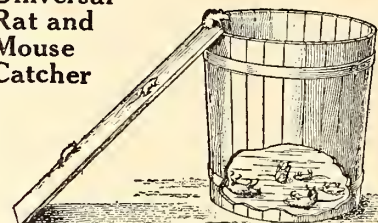
Stewart Haddock,

POUGHKEEPSIE, N. Y.

**CURTIS COLUMBIAN WYANDOTTES**  
At New York State Fair, Sept. 8-13, 1913, again demonstrated their claim to the title "America's Best" by winning 1, 2 pen young, 2, 3 pen old, 4 cock, 3 hen, 1, 2 cockerel, 1, 2, 3 pullet. Do you want more proof of quality? If so send for circular to D. V. G. CURTIS, Ballston Spa, N. Y.

Champions That Have Proven Themselves Champions  
**Hilldorfer's Champion Jumbo Black Minorcas**  
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G. E. Norman, Mgr., SAXONBURG, Butler Co., PA.  
Complete Catalogue on request. Please mention this Journal

#### Universal Rat and Mouse Catcher



Cleans a building of Rats and Mice in a short time, and keeps it cleaned, for it is always ready for use. Made of galvanized iron, can't get out of order and lasts a lifetime. A large number can be caught daily. Go to the Catcher mornings, remove device on inside, which only takes a few seconds, take out the dead rats and mice and replace device and it is ready for another catch. A small piece of cheese, is used, doing away with poisons.

The Catcher is 18 inches high and 10 inches in diameter. When Rats pass the device they die and no marks are left on them. The Catcher is always clean. One of these Catchers set in a livery stable in Scranton, Pa., caught over 100 Rats in a month. One will be sent prepaid to any place in the United States upon receipt of \$3. On account of shipping charges being prepaid, remittance is requested with order.

Catcher 8 inches high, for mice only, prepaid for \$1.

H. D. SWARTS, Inventor and Manufacturer, Scranton, Pa.



## THE PALACE SHOW

By William C. Denny

(Continued from page 155)

occupies the block between 46th and 47th Street; this is one block east and four short blocks north of the entrance to the Grand Central Railroad station. It is considered to be conveniently located to the theatre and shopping district, but owing to the newness of the location and the fact that New York people are largely creatures of habit, they have not become accustomed to patronizing events held in the Grand Central Palace in large numbers.

This year however, the poultry show proved to be a good puller and Secretary Howell gave out the information on Friday that Thursday had smashed all records for attendance, and that Friday was better by considerable than the best day of any previous show. After weeks of hard work with the show assembled and all prizes awarded, we never saw a happier appearing person than Mr. Howell when on Friday in answer to our question as to the success of the show, he replied: "I am absolutely satisfied. The poultrymen of the country have responded nobly and it is they to whom the credit belongs for this display of poultry which equals any previous display that has been brought out on the American Continent."

The cooping was handled by the well known Spratts Patent Limited, W. A. Smith in charge. It seems needless to say that the work was well done. Ever since the writer was a boy, the name Spratts Patent has been a synonym for prompt and satisfactory service in cooping and handling poultry shows. So far as our own

information goes they have never been late a day or an hour in handling any of the thousands of poultry and dog exhibitions that they have had to look after, both in America and Europe.

Many specialty clubs held their annual meetings during show week. The list included the national meetings of the R. C. Buff Leghorn Club; The International Black Wyandotte Club; The American Buttercup Club; The American R. C. Brown Leghorn Club; The American White Plymouth Rock Club; The National S. C. White Minorca Club and the New York State Meeting of the Ancona Club of America and the International R. C. White Minorca Club. The Blue Andalusian breeders organized a club on Thursday, announcement of which is published elsewhere in this issue.

During the week there was plenty evidence of splendid prospects of a good selling season for poultrymen. Breeders present reported that both inquiries and sales were very active and that buyers were disposed to pay satisfactory prices for exhibition and breeding stock. E. W. Phelps, Prop. of Firefly Farm, Guilford, Conn., appeared to sum up the situation in the following remark: "I have never seen as many pilgrims starting in the poultry business." Maurice F. Delano, proprietor of Owen Farms, announced that he had sold a pen of White Orpingtons during the week for one thousand dollars. Geo. J. Kerr, manager of Dune Alpin Farm, sold the second and third prize S. C. White Leghorn cockerels for \$250.00 and \$150.00 each respectively. The sensational selling feature of the show however, was the reported sale of the first prize Barred Plymouth Rock hen for \$555.00. The first prize Buttercup cockerel exhibited by a New Jersey poultryman was claimed at the

catalogue price of \$100.00. Rancocas Poultry Farm reported the sale of four White Plymouth Rocks for \$400.00. E. M. Dutton disposed of a pen of R. C. Reds for \$200.00 and four pullets for \$100.00. Numerous other sales at long prices were reported.

### COMMENTS ON CLASSES

Levi Ayres of Granville, N. Y., a successful exhibitor of Columbian Wyandottes at prominent shows, made a small entry and in a large class won 1 cock; 3 cockerel and 3 pen. Mr. Ayres' winning cock bird was a splendid specimen possessing good shape, splendid color markings and good head points. He was well worthy of the honor. Mr. Ayres is advertising exhibition and breeding stock for sale at reasonable prices. He is also offering a special bargain in utility stock of one male and six females. At the price for which he is willing to sell, customers will receive big value for their money.

After making a clean sweep at the Greater Buffalo Show in the Columbian Plymouth Rock classes, F. G. Bean of Collegeville, Pa., made another fine record at the Palace Show, winning four out of five firsts, also color special for best colored male. After breeding and exhibiting Standard-bred poultry for twenty-five years, Mr. Bean says that Columbian Plymouth Rocks are the most satisfactory variety he has ever had. Says Mr. Bean, "They are hardy, splendid layers, quick growers and possess all the good qualities that has made the Plymouth Rock America's greatest breed. As an exhibition breed the grand old Light Brahma for many years has offered problems that have interested many of the best known poultrymen in the country and as the Columbian Rocks become better known so will the number of those who breed them increase". Mr. Bean has both quantity and quality of stock for sale. He is probably the largest as well as the most successful breeder

# Rhode Island Reds

AMERICA'S FOUNDATION STRAIN OF WINNING ROSE COMBS

Originated and perfected by I. W. BEAN, Braintree, Mass.

AND THE WORLD'S MOST BRILLIANTLY DISTINGUISHED WINNING STRAIN OF SINGLE COMBS

Originated and perfected by A. U. DILLEY, Wrentham, Mass.

Now united under one management at

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ADDRESS ALWAYS

334 POND STREET,

SOUTH BRAINTREE, MASS.



of Columbian Plymouth Rocks in the country.

P. Canavan of Philmont, N. Y., won the coveted special prize for best display in the strong Barred Plymouth Rock class. He also won 1st cock with a specimen that was of the correct type. In color this bird was lighter than some judges prefer, but he was remarkable for barring, which was both sharp on the surface and ran well down to the skin, had a good comb with yellow beak and legs and rich bay eye. This bird also won Club Special for best shaped male. His 4th prize cockerel was a very showy bird that had both good shape and color, and a grand head, his comb was nearly perfect. During the show Mr. Canavan received several offers for this bird from prominent breeders, but refused to sell. His 3rd prize pullet though rather immature was beautiful in color, the barring being very even with strong under-color.

Dune Alpin S. C. White Leghorns made a remarkable record at this show, winning three places, including three out of four firsts in each of the open classes and two places in pens. In addition they won the following specials: For best pullet in the show; best display of any one variety; champion male; champion female; best colored male; best colored female; best display of S. C. White Leghorns. This record in competition with twenty-four exhibitors in what Leghorn critics present declared to be one of the greatest exhibits of the variety ever brought together is remarkable. Much credit for it is due to the skill of Geo. J. Kerr, manager of Dune Alpin Poultry Farm, for the splendid condition in which his birds were shown. Mr. Kerr's ability in preparing Leghorns for exhibition is second to none. Every bird in his exhibit appeared as if it has just been delivered from the laundry in tissue paper wrappings and blue ribbons. During the show Mr. Kerr informed us that he had refused one thousand dollars for the first prize cockerel, the Champion S. C. White Leghorn male of the show. Mr. Kerr reported numerous sales, including the 2nd prize cockerel for \$250.00, and the 3rd prize cockerel for \$150.00. Dune Alpin Poultry Farm is located at East Hampton, L. I., N. Y. It is owned by Geo. L. McAlpin who started the plant solely for pleasure and it is to be continued as such. Mr. McAlpin is a great admirer of poultry and takes keen delight in the success of his birds in the show room. He was present during Palace show week receiving congratulations from well known poultrymen and numerous visitors to the show. Every breeder of White Leghorns should send for Dune Alpin Poultry Farm catalogue, a handsomely illustrated and down-to-date piece of advertising matter. It is free to AMERICAN POULTRY WORLD readers for the asking.

E. M. Dutton of Newfane, N. Y., breeder of Rose and S. C. Rhode Island Reds, established a new record by winning for the fourth year in succession 1st prize and color special for best R. C. Red pullet. Mr. Dutton repeated his last year's win and also won 1st prize on Rose Comb Red pen. In the Single Comb class he won 1st cock with a bird of splendid type that also possessed good color and nice head points. Mr. Dutton does not sell eggs, but he still has a few high class cockerels and pullets for sale.

We met Mr. E. C. Vail of El-Co-Va Farm, Verbank, N. Y. Mr. Vail breeds White Wyandottes and Mottled Anconas. At the Albany Show,

Thanksgiving week, he won on White Wyandottes 2-3 hen; 3-5 pullet. On Mottled Anconas, 2-3 cock; 3-4 hen; 1 cockerel and 1 pullet, no pens shown. Mr. Vail has some stock of both varieties for sale at reasonable prices.

In the center of the show room, E. W. Phelps, proprietor of Firefly Farm, Guilford, Conn., had a display pen of S. C. White Leghorns. Mr. Phelps advised us that he was exhibiting this stock to show intending buyers the kind of breeding birds he was using to produce day old chicks. The birds were large and vigorous and showed every indication of being the kind that should produce strong day old chicks. Mr. Phelps has recently installed a Hall Mammoth Incubator and has made preparations to do an extensive business the coming season. In addition to the sale of S. C. White Leghorn eggs for hatching and day old chicks he is specializing in exhibition R. C. Rhode Island Reds. At the Palace Show he won 3rd on R. C. Red pen. Mr. Phelps is closing out his R. C. Brown Leghorns. In this variety he won 1 cock; 2 cockerel; 2 pullet, also shape and color special for best male and Silver Cup for best R. C. male. This is a splendid opportunity for anyone who wishes to start in R. C. Brown Leghorns to acquire an established business.

Stuart Haddock, proprietor of Gran-nock Farm, Poughkeepsie, N. Y., spent the week at the show and was very much interested in the strong White Leghorn exhibit. His entry in a class of 32 pullets won 4th. He also won 4th pen.

In company with James H. Troy, poultry manager for Horace Havemeyer, Stamford, Conn., it was our

privilege to carefully examine Mr. Havemeyer's splendid exhibit of Silver Penciled and White Wyandottes and we thoroughly enjoyed the opportunity. The Silver Penciled Wyandottes

**Green's Golden Feather Strain**  
Rose Comb BUFF LEGHORNS Single Comb  
Illustrated Mating List Free  
**H. B. GREEN, DIXON, ILL.**

**Nonnac Farms Bantams, All Varieties Pigeons**  
It makes no difference what you want, we can supply you. Eggs, stock and exhibition birds for sale in season.

**Dr. Hadley T. Cannon, Prop., Binghamton, N. Y.**

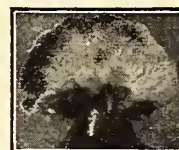


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**ADJUSTABLE CLINCH ! !**

No Better **POULTRY BANDS**

made. Easy to put on. Sure to stay. 20 for 20c; 50, 35c; 100 65c; 200, \$1.00. No stamps



**BALDWIN'S**  
White Crested Black Polish  
Prize winners Madison Square Garden, Philadelphia and Boston. Stock at all times. Eggs from best matings \$5 and \$3 per setting. Send for free circular.

**Wesley Baldwin, Walton, N. Y.**

**Try Crisp-As-Ice Lettuce**



This is the most beautiful Lettuce known, leaves are so tender and brittle as to suggest its name. It cannot be over-estimated or over-praised; for use early in spring or summer, or late in fall.

**OUR OFFER.** We will mail any reader of this paper 1 packet Crisp-As-Ice Lettuce in a COUPON ENVELOPE if 2c stamp is enclosed. When this COUPON ENVELOPE is returned you may select one packet of seed FREE — any kind offered in our

**SEED BOOK.** Our Big Seed and Plant Book for 1914, offering the best Seeds and Plants at Bargain Prices will be mailed FREE to all.

**MILLS SEED HOUSE, Box 30, Rose Hill, N. Y.**

## DOUGLAS BARRED ROCKS

The Famous Silver Cup Winners. A choice lot of both exhibition and utility cockerels and pullets for sale at reasonable prices.

**H. B. DOUGLAS, Mgr.**

**HANNIBAL, N. Y.**

## AMERICA'S BEST WYANDOTTES—Silver and Partridge

Winners at New York, Hagerstown, Baltimore, and the Great Washington, D. C. Show. Both exhibition and breeding stock and eggs for hatching. Send 8 cents in stamps for descriptive catalogue and history of America's greatest breed.

**HENRY J. HUNT, 3rd,**

**Wyandotte Specialist,**

**BETHESDA, MD.**

## Patteson's Campines - Silver - Golden

Some choice breeding cockerels for sale, both colors. Write for description and prices.

**W. M. Patteson,**

**Box W,**

**Penn Yan, N. Y.**

## Single Comb Rhode Island Reds

We have the birds to help strengthen your flock. Eggs from best pens now mated for prompt delivery. Address

**GEO. W. WHITE, S. C. R. I. Red Specialist, HAMILTON, MD.**



BEST WHITE WYANDOTTE HEN  
Grand Central Palace, New York - Ill.  
ONLYA FARM - Morristown, N. J.

## ONLYA FARM WHITE WYANDOTTES

Having shown at Allentown, Hagerstown, Augusta, Buffalo and Grand Central Palace at each of which, with the exception of the Palace where we won second and Hagerstown where we only had four birds we won **Best Display** with Birds bred and raised on our place. We positively do not buy to show or sell, the indisputable proof being our **seamless leg band** put on when the birds are young. We will have ten superbly mated pens this spring. Eggs from which will be \$5 and \$10 per setting. **Day Old Chicks** 50 cents and \$1.00 each. At present we have for sale a number of Cockerels, Cocks and Pullets which will make fine show and breeding birds. Send for mating list.

**Chas. Staaff, Mgr.,**

**Florham Park, N. J.**



dotte is one of the most beautiful in the list of varieties of Standard-bred poultry. In color both the males and females are identical with those of the Dark Brahma. The males have a beautiful white top color with hackles and saddle that are striped with black. The breast, the tail and the wing bar are rich black, the neck of the females are silvery white with a broad black stripe through the center. The rest of the body is a beautiful steel grey, penciled with dark grey. Words do not describe the beauty of this combination of colors. In the Silver Penciled Wyandotte class Mr. Havemeyer entered four each in the cock, hen, cockerel and pullet classes and one pen, and he won every prize competed for. His 1st prize cock bird was 1st prize at the Palace Show in 1912, also 1st prize as a cockerel at Boston, January, 1913. He had wonderful type and was especially beautiful in color, his hack's, back and saddle being pure white and free from brass or straw color. Mr. Troy informed us that there was a good demand for Silver Penciled which he also said begin to lay early and are better layers than White Wyandottes. Their eggs are of good size and very fertile, while the chicks are very hardy. It may be a surprise to some to know that it is not necessary to double mate to produce exhibition Silver Penciled Wyandottes. All of Mr. Havemeyer's birds are produced from single matings. For those who favor parti-colored varieties and who do not wish to have trouble with double matings, they will find this variety very satisfactory to keep. In the very strong White Wyandotte class Mr. Havemeyer's 3rd prize cock was a very showy bird with good shape, rich bay eye, pure white color and rich yellow legs. His 2nd and 3rd prize hen were mother and daughter, the older hen being the better of the two and to us she appeared to be the best hen in the class. His 3rd prize pen was headed by second prize cock at Madison Square Garden in 1911-12. Mr. Havemeyer raised 300 Silver Penciled and 200 White Wyandottes this year and has some choice stock to dispose of. Description and prices will be furnished on request.

T. S. Hewke of Middletown, N. Y., well known as a breeder of Buff Wyandottes, made four entries and won two prizes. Mr. Hewke's birds have also been successful in winning at Madison Square Garden and other foremost exhibitions. In his advertising he is offering some exhibition stock for sale.

We did not meet J. G. Dutcher, Proprietor of Maplecroft Farms, Pawling, N. H. Reese V. Hicks, who judged the Reds, said that they were one of the best classes ever shown and that it contained more good birds than the splendid class of a year ago. Mr. Dutcher's entries won 3 cock; 2-3 cockerel; 5 pullet, no hens shown. His 2-3 prize cockerels were splendid examples of what R. I. Red shape should be and possessed rich even color as well. Mr. Dutcher has produced some exceptional Rhode Island Reds in the past. In the season 1911-12 his pullet "Palace Queen" won 1st prize, also shape and color special at both the Palace and Madison Square New York shows. In 1912-13 his pullet "Red Princess" won 1st prize at the Palace show and a few weeks later 1st prize and color special at Madison Square Garden.

Chas. B. McEwan of Albany, N. Y., entered five Partridge Wyandottes in the single classes and one pen, and won 1-2 cock; 3 hen; 5 cockerel and 1



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.

# Owen Farms Birds

## Have Led for Years

Every Show in the United States, Canada and Abroad where they have competed in the hands of our customers or in our own, has demonstrated their superiority beyond question.

Thousands of First Prizes have been won at the most important shows by birds sold by us or hatched from eggs laid by our unequalled matings.

### OWEN FARMS

BUFF ORPINGTONS

WHITE ORPINGTONS

WHITE PLYMOUTH ROCKS

WHITE WYANDOTTES and

S. C. RHODE ISLAND REDS

Have demonstrated their merit in the hottest competition and met and defeated all comers.

You may win without these blood lines, but, you will find it practically impossible if your competitor meets you with Owen Farms birds.

### AS UTILITY BIRDS

these flocks each year have demonstrated their exceptional merit. Wonderful reports of high average egg yields come in from customers. One customer has reported 262 eggs laid in 290 consecutive days by a pullet bought of us, and many other reports are almost as good.

My flocks have perfect health, size, bone, substance, and bodies with tremendous egg capacity. Treat them well and they will do the rest.

### 1914 MATINGS

of all varieties are the best ever made on Owen Farms. My customers for Eggs for Hatching or Baby Chicks will receive remarkable value this year, as eggs and baby chicks have never been sold from birds of equal quality at prices approaching those I am making for 1914. Many orders are already booked and early booking insures delivery at exact time you want them.

Eggs from Best Matings in the World, all varieties, \$10.00 for 15, \$30.00 for 50, \$50.00 for 100.

Baby Chicks from these matings, \$1.50 each in lots of 20 or more at one time.

Eggs from Choice Matings, better than most sold at higher prices, \$5.00 for 15, \$15.00 for 50, \$25.00 for 100.

Baby Chicks from these matings, 50 cents each in lots of 20 or more at one time.

Send for my new Illustrated Catalogue and Mating List and book your order now.

Superb Show Birds to win the January and February Shows and Grand Breeding Birds mated to produce show or utility stock at absolutely fair prices. State your exact requirements, and if possible what you wish to invest, and receive my prompt quotation.

I want your order, and remember, your absolute satisfaction means my permanent success.

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MAURICE F. DELANO

115 William Street, Vineyard Haven, Mass.

Maurice F. Delano, Prop.

Frank H. Davey, Supt.



pen. Mr. McEwan's male birds are rich colored and show splendid markings in hackle and saddle. His winning pen at the Palace show was well matched in shape and color.

Seth W. Morton of Albany is one of the few breeders who is endeavoring to improve Mottled Javas. Mr. Morton had an exhibit of this variety at New York and won all the firsts and all the second prizes competed for. Both Mr. and Mrs. Morton were at the show. Mrs. Morton had made an entry in the Old English Game Bantam class and won 1 cockerel and 3 pullet.

White Wyandottes were one of the largest and most keenly contested classes at the Palace show. Many well known exhibitors were represented either with their own entries or with birds that had been sold to customers. In a strong class of fourteen pens Onlya Farm won 1-4 pen with two entries in addition to several prizes in the open classes. Cockerel at the head of the first pen was one of the best White Wyandottes in the show. He was mated to four beautiful pullets that matched well in plumage and type and that possessed rich red eyes and grand yellow legs. The cockerel at the head of the 4th pen was a very promising specimen. The pullets with him were evenly matched, one of them was a daughter of the first Boston pullet, 1911, and a sister to the cockerel at the head of the first pen. Onlya Farm entered two cock birds that were not yet in full plumage, but which were very promising specimens. The second prize pullet was a beautiful Wyandotte, splendid type, pure color, a nice head and rich yellow legs. Philip Kearney, proprietor of Onlya Farm and Charles Staaff, his efficient poultryman, were both present during show week. Mr. Kearney told us that their experience in selling baby chicks last year was very satisfactory. One customer purchased fifty for \$12.50, which is at the rate of 25 cents each, and ten for \$5.00, which is at the rate of 50 cents each. This man later refused \$30.00 each for three cockerels.

Theodore Poole, of Syracuse, N. Y., made a single entry in the cockerel class, and exhibited a bird that was well developed. Had good Plymouth Rock type, nice comb, rich yellow legs. Mr. Poole is making a specialty of heavy laying as well as exhibition qualities. He is offering some surplus stock for sale and guarantees to make each transaction satisfactory.

John W. Pruyn, Yonkers, N. Y., breeder of Silver Wyandottes, was a successful exhibitor in the Silver Laced Wyandotte class, winning among other prizes 1 pen; 1 cockerel, also won special for best male. At the Yonkers show, November 12-15, Mr. Pruyn won 1-2-4 cock; 1-2-3 hen; 1-2-3 cockerel; 2-3-4 pullet; 1 pen, special for best display, also for best cock, hen, cockerel and pullet. The male at the head of his 1st prize pen at the Palace show possessed good shape,

was nicely laced on the breast and had a very fine wing bar and had neat head points. All of the pullets and the cockerels in this pen were from the same mating. First cockerel was splendid in color, having a clean back, a grand saddle and hackle lacing and a triple wing bar. Mr. Pruyn has some surplus exhibition and breeding stock for sale, also is now booking egg orders.

In the White Plymouth Rocks, Rancocas Poultry Farm, Brown's Mills, N. J., made nearly a perfect record. On one entry in each of the cock, hen, pullet and pen classes and with three entries in the cockerel class, they won 1 cock; 1 hen; 1-2 cockerel; 1 pullet; 1 pen. Only one bird was not placed, the others won every prize competed for. Joel M. Foster, president of the farm, and H. M. Chapman, manager of the poultry department, were both present during show week. Mr. Foster informed us that they were unable to meet the demand for high class S. C. White Leghorns and that they had customers waiting for White Plymouth Rocks as fast as the stock developed.

Chas. H. Ziegenfuss, proprietor of Red Poultry Yards, Bethlehem, Pa., breeder of Single and R. C. Reds, made a small entry and in a class of twelve won 6th on Single Comb pen. Mr. Ziegenfuss' birds were uniform in type and color. He is booking egg orders at \$3.00 and \$5.00 from pens containing his winners at the Palace and the Buffalo shows.

The Light Brahma classes at the Palace show contained 48 entries, a much larger class than usual and included some exceptional quality. Riverdale Poultry Farm, Riverdale, N. J., won 5 cock; 4-5 cockerel; 5 pullet, a place on every bird entered ex-

cepting one. In Dark Brahmas they won 1 cockerel and 1 pullet on two entries. The cockerels and pullets were not fully developed, but promised exceedingly well in both type and color.

Dr. N. W. Sanborn, Holden, Mass.,

**Huston's "Ideal" Barred Plymouth Rocks** are proving their ability to win at Poultry Shows all over this broad land. Look up their raw records made this year at Hagerstown, Md., Allentown, Pa., Williamsport, Pa., and Harrisburg, Pa. I can sell you breeding cockerels at \$3 to \$10, females at \$2 to \$5. Write me.  
**JAMES T. HUSTON, Box L, WILLIAMSPORT, PA.**

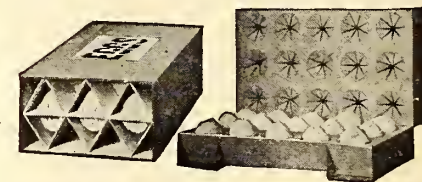
## Greider's Fine Catalogue



and calendar of fine, pure-bred poultry for 1914. This book contains many pages of poultry facts. 70 different varieties, some shown in natural colors. All illustrated and described, tells how to make hens lay, raise and care for them, all about the Famous Greider incubators and Brooders. Shows photo of the largest poultry farm in Penn. Prices of breeding stock and eggs for hatching and supplies within reach of all. A perfect guide to all poultry raisers. Send 10c for this noted book on poultry.

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It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carriers. Order today. Sample 25c. 15 egg size, doz. \$1.50, \$11.00 per hundred. Parcel post boxes all sizes, 1 to 12 dozen. **Poultry Supplies.**

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## ACME WHITE WYANDOTTES

BRED FOR MERIT—SOLD ON HONOR  
Trapnests used 365 days a year.

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Chicago Coliseum Show 1913 winners—1-3 Cock; 1-3 Hen; 2 Cockerel; 1-2 Pullet; 2 pen. Gold Special best Display, Champion Male, Champion Female. *Golden Pheasants* also *Black* and *White R. C. Bantams*. Stock reasonably priced all ways for sale. Egg orders now being booked.

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## Make Fowls Exercise—Keep Vegetables Clean

Here's what you poultrymen have long been looking for—a cheap, convenient, sanitary and durable device for feeding green stuff to poultry. Hang one in each pen in your henhouse. It keeps vegetables and green stuff clean and makes the fowls exercise while they eat.

## Carter's Sanitary Green Food Feeder

Is made of strong, soft, fish-net cord and lasts for years. There's nothing to get out of order or injure fowls' combs or heads. No fouling and waste of food. It holds one-half bushel of beets, cabbages, clover, meat bones or other similar food. Leading poultrymen are using it and sending in orders for more. It fills a long felt want. Green food turns winter into summer for the hens—makes 'em lay. Feed 'em this wasteless, sanitary way.

Price 35c each. Three for \$1.00, postpaid. Special prices on larger quantities. Guaranteed satisfactory or money back. Order today.

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# SCRANTON'S S. C. REDS

Make Another Great Record at Two of AMERICA'S BEST SHOWS

**Cincinnati, December 1913:**—1, 2, 4, 5 Cock; 2, 3, 4 Hens; 1, 2 Cockerel; 1, 2, 3 Pullet; 1, 2 Old Pen; 1, 3 Young Pen. **Chicago Coliseum Show, December 1913:**—With another string of birds (with exception of three birds) I won on three entries second, third and fourth Cockerels in a class of 106, also second and third cock, winning *more points on male birds than all competitors combined*. These birds were all bred by me, and certainly proves the remarkable quality of my male line, throughout. In addition, I won first and third Hen, second and fifth Old Pen, and fourth Young Pen. Breeding birds and show specimens for sale. My matings this season the BEST EVER.

Mating List February 1st. Send for a Free Copy.

**B. H. SCRANTON,**

**Box P. W.**

**RISEING SUN, IND.**



with a single entry in Buff Wyandottes, won 3rd in a class of five pens. Dr. Sanborn was present during the show and informed us that there was an increasing demand for Buff Wyandottes. He has produced a large amount of stock during the past season and is offering some choice birds.

Newton Cosh, Manager of Yama Farms, Napanoch, N. Y., placed the awards in the large class of Andalusians at the Palace show. Mr. Cosh reported that they had an unusual supply of exhibition and breeding stock in Barred Plymouth Rocks and S. C. Black Minorcas and that they were in a position to fill orders of most any size with high class exhibition and breeding stock. Yama Farms have sold a large number of high class exhibition birds to customers. At the time of the Palace show birds that they had furnished for prominent shows had won six out of seven firsts.

Maurice F. Delano, proprietor of Owen Farms, Vineyard Haven, Mass., was a visitor at the show. He reported a splendid sale of high class exhibition birds at good prices. During show week he sold one pen of S. C. White Orpingtons for \$1,000.00 and reported sales of a number of White Orpington males at \$100.00 to \$150.00 each. Mr. Delano said that the demand for White Wyandottes was steadily increasing. During the present season he had sold nine cockerels at \$100.00 to \$150.00 each. These are exceptionally good prices for this variety. In talking of the demand for these varieties, Mr. Delano said that Buff Orpingtons were in great demand and that this demand would be permanent because of the splendid utility qualities of the variety. In November, 1912, one of Owen Farms' customers in Nebraska, purchased a pen of Buff Orpingtons, one pullet started laying December 10th and laid 262 eggs in 289 days, this included a record of 98 eggs in 100 consecutive days.

We met J. L. Payne of the firm of Payne Bros., Portland, Conn., breeders of R. C. Rhode Island Reds. Messrs. Payne did not exhibit this year as usual, but have made sales of a number of high class birds that have been successful for their customers. They usually raise from 500 to 600 birds each season. They still have for disposal an exceptional lot of pullets and will quote reasonable prices for

quick sales. They are now booking egg orders from selected matings and report that they have had a splendid amount of business and that the demand is good. This was our first meeting with Mr. Payne and we liked him. He appears to be a clean cut, straight-forward young man. Last year at Madison Square Garden, Payne Bros., were awarded shape and color specials on their first prize cock bird, while their first prize pullet won special for best colored female. They also won 5 hen and 3 pen. Their business motto is "A pleased customer is our best advertisement."

The Howard Mfg. Co., of Hornell, N. Y., manufacturers of Sanitary Poultry Houses and the Howard Brooder Stove, had an exhibit in charge of H. L. Allen. Mr. Allen reported that the factory has been running over time to produce their products. "Business is far ahead of last year," said Mr. Allen. "Our goods are sold direct to customers, saving the middleman profit to the user." The Howard Sanitary House is a new idea in poultry house construction and it will pay those who want a small poultry building at a moderate cost to send for their advertising matter.

Monmouth Poultry Farms, Freneau, N. J., J. C. Punderford, proprietor, made a small entry in S. C. Buff Leghorns and won 1st and 4th cockerel, 1st pullet. Monmouth Buff Leghorns have established a reputation as being typical Leghorns with soft Golden Buff color. Mr. Punderford placed the awards in the S. C. White Leghorn class for the second time at the Palace Show.

Dunrobin Farm, A. E. Dalby, proprietor, Red Bank, N. J., made three entries in the strong Buff Leghorn

class and won 2nd hen in a class of nine hens and 5th cockerel in a class of fourteen. Mr. Dalby was present during the show and informed us that he decided to close out his stock of White Orpingtons consisting of 100 selected birds. This offers an exceptional opportunity for any one who is looking for an established strain of this breed. White Orpingtons are on the map to stay and will continue as one of the popular breeds. They are

### WHITE PLYMOUTH ROCKS

Early cockerels \$3.00 up, satisfaction guaranteed. Eggs \$2.00 and \$3.50 a setting after February 1st.

THEODORE POOLE, Emma St., SYRACUSE, N. Y.

### CHAMPION R. C. BLACK MINORCAS

Win at Chicago, December 1913, Madison Square Garden, Toronto, Club Shows at Scranton, etc. 150 Cocks, Hens, Cockerels and Pullets for sale. Write for prices. Egg orders booked now.

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### UNDERWOOD'S HOUDANS



Winners New York, Chicago, Philadelphia, Buffalo, Rochester, etc. The Ideal Breed for small yards. Correspondence solicited. Circulars free.

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Box D, Penn Yan, N. Y.

### OUR S. C. WHITE ORPINGTONS

Won at the Big Syracuse, 1913, Show 1st and 2nd Pens, 1st Pullet, 2nd Hen, 2nd Cockerel. Choice cockerels from the above pens \$3 and \$5, Trios \$10. Satisfaction or money back.

Phillips & Groner, Box 381, E. Syracuse, N. Y.

### S. C. W. Leghorns WE TOLD YOU SO R. and S. C. Reds

At the Silver Creek Show, December, 1913, we won on Leghorns, 1st and 2nd Pullet, 1st Hen, 4th Cock, 2nd Pen, Specials for Best Leghorn in the Show, Best Pullet and Best Hen of all varieties, also Best Female in Mediterranean class. On Reds 1st, 2nd and 3rd Pullet, 3rd Cockerel, 1st Pen. Stock, Eggs and Chicks. Send for Mating List.

EAGLE BAY FARM POULTRY DEPT.-

F. A. House, Mgr.,

SILVER CREEK, N. Y.

### BABCOCKS BABY CHICKS



WHITE ROCKS S. C. WHITE LEGHORNS WHITE RUNNER DUCKS  
CAPACITY 100,000 ANNUALLY

Vitality Baby Chicks and Ducklings \$10.00 per 100 and up.  
Eggs \$5.00 per 100 and up. Fine illustrated catalogue free

BABCOCK POULTRY FARM, Box W, FREDONIA, N. Y.



## AT GREAT PROVIDENCE SHOW

IN THE VERY CENTRE OF R. I. REDDOM

## WE WON ON ROSE COMB REDS

27 regular and special prizes on 13 entries, including EVERY FIRST PRIZE (5) EVERY SHAPE, EVERY COLOR and EVERY GOLD SPECIAL, and State Cup for sixth successive year, and were also awarded Providence Journal Cup (value \$100) for the best six Rhode Island Reds in the show—to be won three times.

### HUNDREDS OF BEAUTIFUL COCKERELS AND PULLETS THAT WILL WIN FOR YOU

Also several grand cock birds.

Eggs at all seasons.

Send Stamp for Price List.

Mating List ready Feb. 1st.

**RED FEATHER FARM,** F. W. C. ALMY, Proprietor and Manager,  
Box 22, TIVERTON 4 CORNERS, R. I.



quick growers, mature early and are splendid winter layers. Mr. Dalby will continue to breed Buff Orpingtons, White and Buff Leghorns and Buff Orpington Ducks.

M. R. Jacobus, Ridgefield, N. J., who has done so much to make the Campine popular in America, was a visitor at the show. Mr. Jacobus reported a splendid selling season and said that the demand for high class Campines was far in excess of the supply.

Stuart Howland of Granville, N. Y., breeder of Buff Wyandottes, made a small entry in the cock, hen and pullet class and was awarded 5th cock; 5th hen and 3rd pullet. Mr. Howland's 5th prize cock was a very typical specimen and very even in color. His winning pullet was very beautiful in type and of a soft golden buff. She was not as well matured as 1st and 2nd prize birds which evidently prevented her from going higher in the list of awards.

The Candee Incubator and Brooder Co., of Eastwood, N. Y., had one of their mammoth incubators on exhibition and it kept Mr. Steckl, their representative, and two or three other attendants busy explaining the merits of their devices. Mr. Steckl reported that the interest in mammoth incubators was increasing rapidly. There is no question but what the mammoth incubators have found their place in the poultry industry. We wish every reader of AMERICAN POULTRY WORLD who is interested in hatching machinery would send for a copy of the Candee 1914 catalogue. It is a large handsome book profusely illustrated. If there are any "doubting Thomases" on the success of mammoth incubators, a reading of this splendid piece of advertising matter will go a long way towards convincing that the mammoth incubators have come to stay.

C. F. Rankin, proprietor of Schenley Heights Poultry Farm, 1202 Commonwealth Bldg., Pittsburgh, Pa., could not have selected varieties in which he would have found stronger competition than in S. C. Rhode Island Reds, Silver and Golden Campines. Mr. Rankin had a large exhibit of these varieties at the Palace Show and on Thursday morning when we met him coming from Secretary Howell's office, he had a double handful of ribbons including six firsts, seven seconds, five thirds, one fourth and one fifth in addition to nearly as many association and club special ribbons. Among the numerous specials one was the New York Sun Cup for the best display of Rhode Island Reds. Mr. Rankin's best winning in this class was 1st and 2nd in a class of 12 pens. It would be difficult to find 10 birds more uniform in type and color than those on Mr. Rankin's winning

pens. The females were deep dark red and very even. Their neck color was good and they also had fine wing markings and black tails. His first prize S. C. pullet was a gem. She was red all over and very good in shape and head points. In Silver Campines Mr. Rankin's entries won among numerous other prizes 1st cock, 2nd hen, 1st cockerel, 2nd pullet and 1st pen. The first prize cock bird was pronounced by competent judges to be the best Silver Campine male or

female that had been exhibited to date. This bird was beetle green all over with regular and distinct barring of pure white, the markings extending well up under the throat, a section that is often too weak. The color of the hackle was very good, shape was good and there was more than the average amount of tail furnishings. In Golden Campines Mr. Rankin's entries won 1st and 2nd cockerel; 2nd, 3rd and 4th pullet. Walter Young, Mr. Rankin's poultry superintendent,

## PAYNE BROS.' R. C. R. I. REDS

### MAKE BIG WINNING

At the National Meeting of R. I. Red Club of America, New Haven, Conn. Dec. 10-13, 1913 we won in a hot class as follows:—2nd and 7th Cock; 1st and 2nd Hen; 5th Cockerel; 4th and 6th Pullet; 2nd, 4th, 5th and 7th Pen. Also State Cup. \$25.00 cup for largest display in the Show. Silver Cup for best display of R. C. R. I. REDS, and numerous other specials. Good breeding and and show birds for sale. Catalogue Free.

PAYNE BROS.,

Box W,

PORTLAND, CONN.

## ROSE'S ORPINGTONS

### BUFFS and BLACKS

#### HARDY CANADIAN-BRED BIRDS

*Victorious at Chicago Coliseum Show, Dec. 12-17, 1913*

On *Buff Orpingtons* we won 1, 2, 5 Cock, 1-5 Cockerel, 3 Hen, 1, 2, 4 Pullet, 3rd Pen. Grand Champion Cock winner of both Shape and Color Special, Best Display. On *Black Orpingtons* we won 5th Cock, 2 Pullet, 4 hen, 1, 3 Pens.

### OUR 1913 RECORD ON BLACK ORPINGTONS

*We won 27 firsts out of a possible 33 firsts within the year 1913 at six shows of national reputation, viz; Boston, Allentown, Hagerstown, N. Y. State Fair, Toronto and Chicago, also five times Championship Best Display out of six.*

*At Boston 1913, Our Black Orpingtons won 1, 2 Cock, 1, 4, 5 Cockerel, 1, 2 Hen, 1, 2, 3 Pullet, 1 Old Pen, 1 Young Pen. Championship Best Display.*

We can supply you with stock that can win any where at reasonable prices. All birds sent an approval and duty paid to United States. Write your wants.

**HUGH A. ROSE,**

**FONTHILL, Frank F. Conway, Mgr., ONTARIO**

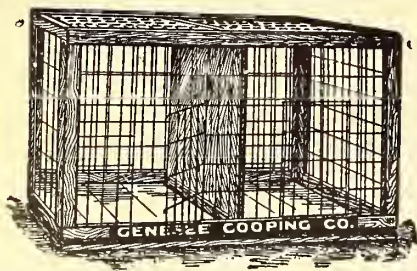
(Nineteen miles from Buffalo)

## THE GENESEE COOPING CO., ROCHESTER, N. Y.

### Makes a Specialty of Cooping Exhibitions on Rental

The illustration in this issue, (on page 174) of the Greater Buffalo Show, held Thanksgiving week speaks for itself. It shows the Genesee system of cooping of which Sec'y. Campbell, of the A. P. A. remarked, in his report. "I have attended many large shows, but the system of cooping at this show was the most perfect I ever witnessed". There is a reason why such shows as Buffalo, Cleveland, Toledo, Pittsburgh Expo. and Pittsburgh Fanciers Show, Washington, D. C., Rochester, Syracuse, Davenport, Iowa, Peoria, Ill., and 30 other shows are using the Genesee System of cooping this year. Now is the time to secure the best terms for the season of 1913-1915. Write us for particulars.

**GEO. W. WEBB, Manager.**





is entitled to great credit for the splendid condition in which the birds were shown.

Skyland Farms, Sterlington, N. Y., Harlo J. Fiske, manager, was one of the very successful exhibitors in the wonderful White Leghorn class. Among Mr. Fiske's winnings was 1st and 5th pen on three entries in a class of 23; 1st and 5th cock in a class of 27. We liked an up-placed cock belonging to Mr. Fiske about as well as any bird of the variety that we have seen this season. This bird attracted the attention and admiration of a number of Leghorn breeders. He possessed everything that a winner should have in form and had splendid color. Before the prizes were awarded, Leghorn sharps picked Mr. Fiske's winning pen as an easy winner. The females were very uniform in style and shape, were pure white in color, and had neat head points and rich yellow legs. The cockerel was stylish to the extreme and had a grand head.

Geo. W. Terwilliger of Millwood, N. Y., the well known breeder of R. C. Black Minorcas, had his usual exhibit at the Palace show and made a splendid winning. His prizes included 2nd cock, 1st hen, 3rd cockerel, 5th pullet and 1st pen. Mr. Terwilliger's birds possessed splendid Minorca type, good combs and excellent color. Last year Mr. Terwilliger's birds won 21 firsts out of a possible 23 at five shows. He is offering cocks, hens, cockerels and pullets for sale at reasonable prices.

Lester Tompkins, of Concord, Mass., breeder of high class Single and Rose Comb Reds, made an entry in the Rose Comb classes only and won 1st and 3rd cock; 3rd hen, 3rd and 5th cockerel, 2nd pen and special for best display. Mr. Tompkins informed us that the demand for Rhode Island Reds was better than a year ago. In fact it was the best he has ever had. Among his recent sales was a pair each of Single and Rose Combs that went to England. Mr. Tompkins received \$300.00 for this sale. He also sent four other birds, a cock, hen, cockerel and pullet, sold to a Canadian breeder for \$500.00. During conversation with Mr. Tompkins, he said that there was a great tendency on the part of judges to placing awards on birds that are over size. Said Mr. Tompkins: "This is injurious to the qualities that have made the Rhode Island Red the greatest utility fowl on earth. The big birds do not reach maturity as quickly, nor will the females make the active hustling layer that produces eggs every month in the year, nor the quick growing broiler and medium sized roasting fowl that is sought for by the small family. The clause in the present Standard that cuts for over-weight should be enforced." Mr. Tompkins has had a successful hatching season, raising 2500 birds at home and the same number outside among farmers.

George W. Tracey, Kinderhook, N. Y., who for several years has acted as eastern representative of AMERICAN POULTRY WORLD, has been appointed as postmaster of Kinderhook, N. Y., and will assume his duties on January first. It will prob-

ably surprise many readers to know that Mr. Tracey will make a specialty of R. C. White Minorcas. At the Palace Show he exhibited seven birds in the open classes and one pen. He won a regular prize on every entry including first pen, also special for best display of White Minorcas Rose and Single Combs competing. Mr. Tracey has a very limited amount of R. C. White Minorca stock for sale as he is reserving the best of his stock for this year's breeding pens from which he will sell eggs at reasonable prices.

Tywacana Farms, Farmingdale, N. Y., had display pens of Barred and White Rocks and S. C. White Leghorns. This concern is making a specialty of day old chicks and S. E. Wright, manager of the Poultry Department, told us that last year they sold 50,000 day old chicks of the three varieties above mentioned. Trade is starting out brisk said Mr. Wright and already we have booked orders for more than 20,000 chicks to be delivered during 1914. Last year

in addition to the day old chicks, Tywacana Farms sold 50,000 eggs for hatching. Mr. Wright has recently invented a new egg shipping box on which a patent was granted December 2, 1913. This shipping box for day old chicks proved satisfactory to a large number of customers who used them last year. Mr. Wright will be pleased to send samples of both the egg and chick boxes to those who are interested.

Jas. H. Vincent of Hazelton, Pa., was a successful exhibitor in a large and splendid class of Buff Rocks winning 1st cock, 1st and 4th hen and 5th cockerel. The first prize cock was a bird of good type, very even in color with good head points. Mr. Vincent's winning hens were a soft Golden Buff free from dark in wings or tail, good shaped body and nice combs.

Wadsworth & Caster, of Wolcott, N. Y., exhibited a cockerel and pullet that were good in color and shape. These birds were not as well matured

## S. C. BROWN LEGHORNS

*Winners from California to New York*

MADISON SQUARE GARDEN, 1913—1st and 3rd Cock, 1st Cockerel, 2nd Hen, 2nd Pullet, 4th Pen.

BUFFALO, 1913—1st Cock, 2nd and 5th Cockerels (on three entries).

CHICAGO, 1913—1st, 2nd and 5th Cock, 1st and 3rd Cockerels, 2nd and 5th Pullets, 1st and 3rd Pens, Special for Best Display.

SEND FOR FREE ILLUSTRATED CIRCULAR.

**WILLIAMS BROS. & BRACE, FULLERTON, CALIFORNIA**



### DON'T KILL

Or Sell Your  
Laying Hens

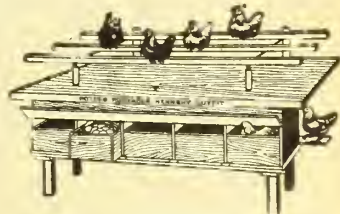
Use the POTTER SYSTEM and pick out the layers from the loafers and diseased hens. Keep only healthy laying hens. The POTTER SYSTEM is a secret and the greatest discovery of the century in the poultry world on the subject of Egg Producing Hens. Used by over 50,000 satisfied poultry keepers, who are saving dollars every year. Our new 100-page Potter System book, "DON'T KILL THE LAYING HEN," contains the secret and knowledge about laying and non-laying hens. It's a revelation to poultry keepers, and you will learn how you can use the Potter System on your flock, keep less hens, get more eggs and make more money using it. Write today, sending two red stamps to cover postage on our large catalogue and circular telling all about Potter Poultry Products made for Particular Poultry People. If you are particular and want to make more money on your flock, you will write us today.

### Potter Hennery Outfit Complete Only \$6.60

A clean, sanitary house means healthier hens and lots of eggs. Nothing will add so much to the comfort of your fowls, the convenience of the keeper and the profit of the owner as the Potter Hennery Outfit. The style shown here is our No. 19, Style "A," 6 feet long, with 3 perches to accommodate 35 hens. Has sanitary drop-board, sliding box nests and all other approved features. We also make 12 other styles—some as low as \$2.50. Also 20 styles of

**A \$6.60 Hennery Outfit**

No. 19, Style "A," 6ft. 3-perch complete Potter Hennery Outfit for 35 hens. This same style made in 12 sizes.



### Potter's Portable Poultry Houses

ranging in price from \$22 up—cheaper than you can build at home. Our 132-page illustrated catalogue shows a full line of houses, fixtures, coops, feed hoppers, brooders, hovers, etc., all at money saving prices. Catalogue mailed on receipt of 2 red stamps to cover postage. Address,

T. F. POTTER & CO., Box E16, Downers Grove, Ill.



## R. & S. C. BLACK MINORCAS and R. C. BROWN LEGHORNS

Never before in the history of this farm have we been able to offer so many big class birds for sale. They are the best of quality being bred from our Chicago, New York, St. Louis and Springfield winners. Hundreds of pullets, hens, cockerels and cock birds for sale at reasonable prices. Breeders and show birds in almost any numbers. We can fit you up to win at any show in the country. Our special buying proposition is offered to you. We want every one interested in poultry to get started with our stock, as we do not require all cash with order, but by making a payment you can get whatever you are wanting and pay the balance monthly. Send 10c for big catalog. Price list free.

EDGEMONT POULTRY FARM, W. O. Chase,

Box Z,

HILLSBORO, ILL.



THE "CHASE"



as some of the winners, but gave promise of developing into splendid specimens. Whitney & McEwan, Box 17, Albany, N. Y., breeders of Buff Wyandottes, won 2nd in a class of 10 cockerels with a bird that was very even in color, good head and fine Wyandotte shape. They also won 5th prize pen. Messrs. Whitney and McEwan obtained the cream of the famous Lord Buff Wyandottes. They have some choice birds for sale.

At the Palace Show we were again pleased to meet Chas. J. Fisk, proprietor of Wilburtha Farm, Trenton, Junction, N. J., breeder of S. C. Buff and White Leghorns, Columbian Wyandottes, Partridge Rocks and S. C. Rhode Island Reds. Mr. Fisk informed us that they were specializing in Columbian Wyandottes, Partridge Rocks and Buff Leghorns. Their entries at the Palace Show were only in Columbian Wyandotte classes. With two cockerel entries they won 1st and 4th in a class of 19. The first prize bird had a beautiful hackle, saddle, a green black tail and a nice head and fine Wyandotte type. They won a number of other prizes in what D. Lincoln Orr who judged the Columbian Wyandottes told us "was one of the best classes I ever saw." Wilburtha Farm consists of 200 acres, 40 of which are used exclusively for poultry. It is located on the Delaware River four miles above Trenton. They have two Hall Mammoth incubators with 15,000 egg capacity. Mr. Campbell, Mr. Fisk's poultryman, originated the strain of Columbian Wyandottes that are now being bred at Wilburtha Farm.

Jos. P. Hildorfer of Pittsburgh, Pa., the well known breeder of S. C. Black Minorcas, was at the Palace Show two days. The annual meeting of the S. C. Black Minorca Club, of which Mr. Hildorfer has been president for five years, will be held at Pittsburgh, January 20th. It is expected that between three and four hundred birds will be on exhibition, making it one of the largest and best classes of the variety that has ever been shown.

Lloyd Hallenback of Greendale, N. Y., originator and breeder of Buff Brahmas, had an exhibit at the Palace Show and in the A. O. V. class won four first prizes. Mr. Hallenback also breeds Barred Plymouth Rocks and S. C. White Leghorns. As a poultry judge Mr. Hallenback each season fills a number of engagements.

Rufus Delafield, proprietor of Sunswick Poultry Farm, So. Plainfield, N. J., is one of the pioneer breeders of the country. A few weeks preceeding the Palace Show, it was our privilege to pay a visit to Sunswick Farm where we saw one of the greatest collections of Buff Orpingtons in the country. It was really a revelation to note the uniformity of color in both cockerels and pullets. There was an entire absence of the redish buff that was generally found in Buff Orpington males a few years ago and that is still found in imported stock. The progress that has been made by Mr. Delafield and others in improving the type of the Buff Orpington no doubt has done a great deal towards creating the present heavy demand for Buff Orpingtons. At the time of our visit Mr. Delafield's poultryman, Mr. Arnett, was preparing a string of birds for the Williamsport Show, where as we have since learned he was very successful. Included in this string was an eight year old cock bird that was as sound in color as could be. There was not even a tendency to weakness in the hackle, wing or tail.

## Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros.,

Dept. 4,

W. Alexander, Pa.

### S. C. WHITE LEGHORNS

### WHITE PLYMOUTH ROCKS

Am ready to furnish grand cockerels and pullets that will help you to win the blue. Also cocks and hens at prices that are sure to interest you.

E. B. DARROW,

Box W,

WILLIAMSPORT, PA.

### WHITE ORPINGTONS

### International Champions

### WHITE ROCKS

January, February and March chicks for early shows.

### HIGHWORTH POULTRY YARDS,

Fred A. Andrewes, Proprietor

LONDON, CANADA

## New England's Champion S. C. Buff Leghorns

won all firsts and display at Cumberland County Fair, Gorham, Me., thus making a clean sweep in hot competition. Fine stock for sale at reasonable prices.

HILLCREST FARM,

Box 86,

NORTH GORHAM, ME.

## AURORA COLUMBIAN ROCKS

Winners at Madison Square Garden. Grand winter layers. Now is the time to order birds for early shows

LEW H. BOWN,

EAST AURORA, N. Y.

*Riley's  
Rosecomb  
Rocks*

Win all cups and specials at Buffalo, and Rochester for best display 1913, Some of this blood will help you win,

C. E. RILEY

749 Fillmore Ave., Buffalo, N. Y.

# American Poultry Association

The Poultry industry of this country amounts in the aggregate to One Billion Dollars per Annum. These figures paralyze the imagination.

The American Poultry Association is the largest live stock organization in the world and its membership is increasing with tremendous rapidity. On its membership roll are the leading breeders and representative poultrymen of Canada and every state in the union.

**Every Breeder, fancier, man and woman in the United States and Canada who is interested in poultry of any kind should join this great organization.**

**On its shoulders rest this gigantic Billion Dollar Industry.**

Your interests will be promoted and safeguarded. You may compete for the Association diplomas and Gold and Silver medals at the shows, and be entitled to all the help that honest organized effort can give you.

You will have a voice in shaping the course and policy of the Association. Making it recognized by nations and governments.

Your name should be one of the thousands of the honored members of this Association. We urge you to write immediately for information and application blank. Address

AMERICAN POULTRY ASSOCIATION,

Mansfield, Ohio.

E. B. THOMPSON, President.

S. T. CAMPBELL, Secy.

Amenia, N. Y.



Mr. Delafield is breeding Buff Orpingtons exclusively because he believes they are "the best fowl on earth." Mr. Delafield made an entry at the Palace Show and after furnishing a number of high class birds that won for customers, he won a goodly number of prizes including 2nd and 3rd in a class of 19 hens, and 4th pen in a class of 15. His 2nd and 3rd prize hens were grand in type and especially even and rich in color.

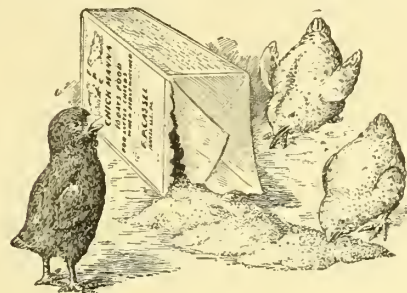
#### WINNINGS OF A. P. W. ADVERTISERS AT THE GRAND CENTRAL PALACE SHOW

**BARRED PLYMOUTH ROCK**—P. Canavan, 1 cock; 4 cockerel; 3 pullet; 3 pen.  
**WHITE PLYMOUTH ROCK**—Rancocas Poultry Farm, 1 cock; 1 hen; 1-2 cockerel; 1 pullet; 1 pen.  
**BUFF PLYMOUTH ROCK**—James H. Vincent, 1 cock; 1-4 hen; 5 cockerel.  
**COLUMBIAN PLYMOUTH ROCK**—F. G. Bean, 1-4 cock; 1-2-4 hen; 1-3 cockerel; 5 pullet; 1 pen.  
**SILVER WYANDOTTE**—John Pruyn, 5 hen; 1 cockerel; 1 pen.  
**WHITE WYANDOTTE**—Horece Havemeyer, 3 cock; 2-3 hen; 2 cockerel; 4 pullet; 3 pen. Onlya Farms, 4 hen; 4 cockerel; 2 pullet; 1-4 pen. Chas. W. Partridge, 5 pen.  
**BUFF WYANDOTTE**—Stuart A. Howland, 5 cock; 5 hen; 3 pullet. T. S. Hewke, 4 cock; 4 hen. Whitney & McEwan, 2 cockerel; 5 pen. Dr. N. W. Sanborn, 3 pen.  
**PARTRIDGE WYANDOTTE**—Chas. B. McEwan, 1-2 cock; 3 hen; 5 cockerel.  
**SILVER PENCILED WYANDOTTE**—Horace Havemeyer, 1-2-3-4 cock; 1-2-3-4 hen; 1-2-3-4 cockerel; 1-2-3-4 pullet; 1 pen.  
**COLUMBIAN WYANDOTTE**—Wilburtha Farms, 5 cock; 5 hen; 1-4 cockerel; 5 pullet; 2 pen. Levi A. Ayres, 3 cockerel; 3 pen.  
**SINGLE COMB R. I. RED**—Maplecroft Farms, 3 cock; 2-3 cockerel; 5 pullet. E. M. Dutton, 1 cock; 5 pen. Shenley Heights Poultry Farm, 2 cock; 3 hen; 1 pullet; 1-2 pen. Geo. W. Tracey, 2 hen; 6 pullet.  
**ROSE COMB R. I. REDS**—Schenley Heights Farm, 4 cock; 2 hen. Lester Tompkins, 1-3 cock; 3 hen; 3-5 cockerel; 2 pen. Annesley M. Anderson, 5 cock. E. M. Dutton, 1 pullet; 1 pen.  
**SINGLE COMB BUFF ORPINGTON**—Sunswick Poultry Farm, 4 cock; 2-3 hen; 4 pen.  
**LIGHT BRAHMA**—Riverdale Poultry Farm, 5 cock; 4-5 cockerel; 5 pullet.  
**DARK BRAHMA**—Riverdale Poultry Farm, 1 cockerel; 1 pullet.  
**BLACK LANGSHAN**—Elm Poultry Yards, 1 hen; 1 cockerel; 5 pullet.  
**ROSE COMB BROWN LEGHORNS**—Firefly Farm, 1 cock; 2 cockerel; 2 pullet.  
**SINGLE COMB WHITE LEGHORNS**—Dune Alpin Poultry Farm, 2-3-4 cock; 1-2-5 hen; 1-2-3 cockerel; 1-3-5 pullet; 2-3 pen. Skyland Farm, 1-5 cock; 4 hen; 4-5 cockerel; 1-5 pen. Elm Poultry Yards, 2 pullet. Stewart Haddock, 4 pullet; 4 pen.  
**SINGLE COMB BUFF LEGHORNS**—Dunrobin Farm, 2 hen; 5 cockerel; Monmouth Farms, 1-4 cockerel; 1 pullet.  
**SINGLE COMB BLACK MINORCAS**—Elm Poultry Yards, 5 cock.  
**ROSE COMB BLACK MINORCAS**—G. W. Terwilliger, 2-3-4 cock; 1 hen; 3 cockerel; 5 pullet.  
**ROSE COMB WHITE MINORCAS**—George W. Tracey, 2 cock; 2-4 hen; 2-3 cockerel; 2-5 pullet; 1 pen.  
**SILVER CAMPINES**—Schenley Heights Poultry Farm, 1 cock; 2-3 hen; 1 cockerel; 2-5 pullet; 1 pen.  
**GOLDEN CAMPINES**—Schenley Heights Poultry Farm, 1-2 cockerel; 2-3-4 pullet.  
**BUFF BRAHMAS**—Lloyd M. Hallenbeck, 1 cock; 1 hen; 1 cockerel; 1 pullet; 1 pen.

#### HOW AND WHAT TO FEED CHICKS

Everyone who has hatched and reared chicks in numbers too large to raise by the setting hen method knows how difficult it is to bring the youngsters through the first 10 days without losing many from bowel trouble and other chick complaints.

The cause of this heavy mortality among young chicks is, in most cases, due to improper feeding during this critical period of their lives. When an animal is born it is usually nursed on its mother's milk, which contains the right ingredients to regulate and strengthen the delicate organs of the youngster until the "weaning" age is reached, or until old enough to switch on another diet.



With young chicks, turkeys, pheasants and ducks, etc., it is a different matter. However, their digestive organs are also very delicate and can not readily absorb and digest cracked corn and other heavy grain feeds during the first 10 days after hatching.

Young fowls of all kinds will thrive better on a feed whose ingredients are selected to meet the particular needs of their little bodies during the first few days of their lives. They need something that is properly balanced and a complete food in itself.

About thirty years ago this fact was appreciated by F. P. Cassel of Lansdale, Pa. He studied the chick food problem carefully and experimented with many different mixtures of clean, wholesome feed until he determined just the right ingredients to use and the proper ratio in which to mix them.

Such marked improvement was noticed in every flock of young chicks fed on Mr. Cassel's chick preparation that he decided to place it on the market so others might share the benefits of his discoveries. He named the new feed, "F. P. C. Chick Manna" and in 1884 he mixed the first supply himself up in his feed storehouse. Since then either he, his son, or some other member of the Cassel family have personally supervised the preparation of this wholesome chick food and kept the ingredients which help make it such a successful life saver of chicks, a family secret.

Prominent poultrymen all over the country have been feeding "F. P. C. Chick Manna" for years and they know its real worth. They feed it to their young chicks because of its honest value. It is composed of only the best ingredients that have a nutritive value or that aid in preventing diarrhoea and other chick complaints. Nothing is used to give useless weight or bulk. It is an honest food at an honest price.

Michael K. Boyer, the eminent poultry authority, says: "Chicks not only like F. P. C. Chick Manna but they thrive wonderfully upon it." If you feed it during the first ten days after hatching, you will eliminate the heavy losses of little chicks. It is a real health food and makes them thrive and grow well. "F. P. C. Chick Manna" brings chicks through the critical first ten day period in fine condition with sound and hardy constitutions.

F. P. Cassel & Son, Lansdale, Pa., are still the sole manufacturers of this, the original and best baby chick food. They will make you a Parcel Post shipment of "F. P. C. Chick Manna" at a special price if the dealer in your locality does not happen to carry it in stock. We suggest that you write to these folks today for free circulars and fuller particulars of this chick food and their special offer.

山の肉

## YAMA FARMS

S. C. Black Minorcas  
Barred Plymouth Rocks

The Pacemakers of the  
Poultry World

Under the most critical judges and meeting keenest competition Yama Farms S. C. Black Minorcas and Barred Rocks made practically a clean sweep at the recent

State Fair,  
Syracuse, New York

This record showing but adds to scores of previous high-grade performances. Since the Syracuse triumph Yama Farms birds have competed at other leading shows.

Winning in each breed  
11 out of 12 possible firsts

Proof conclusive that we have the birds you need—in exhibition and breeding stock. We stand back of every Yama Farm bird—guaranteeing entire satisfaction. If you are not completely satisfied with the stock you buy—send it back—we pay return expressage and refund entire purchase price.

A particularly strong feature of Yama Farms Stock is the fine, well balanced pens of S. C. Black Minorcas and Barred Rocks, made up of five fine specimens of uniform shape and color—the type of birds that make winning pens. And no bird is sent from Yama Farms unless it passes as "perfect" in condition.

We will be glad to hear from those interested in high-class stock in these breeds—single birds or pens. Our interesting booklet is yours for the asking.

Yama Farms,

Napanoch, Ulster County, New York  
NEWTON COSH, Mgr. of Poultry Dept.



Japanese Entrance to Yama Farms

A poultry plant that does not pay is a hobby. A poultry plant that does pay is a business. Which class is yours in?



## THE EXHIBITION S. C. WHITE LEGHORN

By James O. Moore  
Of Moore Bros., Moscow, N. Y.

(Continued from page 152)

1. Every bird must have vigor and health.

2. Every bird must have or approach my ideal in type.

3. Every bird must be white and particularly the quills of the wings, back and tail feathers. In this connection, however, yellow legs and sappy, unripe feathers in moulting and immature birds are preferred to pale legged birds with pearly white feathers. Pale colored legs denote in young birds and aged males low vitality.

4. Every female must be in the blood line of the male. The blood lines, so called, must all originate with a prepotent sire or dam, whose descendants have demonstrated from generation to generation their ability to win in strong competition.

5. Every male bird must be free from white in the face until at least two years of age.

6. Then are finally selected for the pens, the best birds in combs, eyes, lobes, beaks, breasts, backs, spread of tail, station, feathering, furnishings, alertness and carriage.

Finally, dear reader, this advice is given joyfully and not with the expectation that you will accept it or follow it. When however, that five pointed comb cockerel's progeny disappoints you at the next county fair and you are chagrined and discouraged, recall this rambling persiflage and smile; smile grimly, set your jaw and go after it right.

### FISHEL'S WHITE ROCKS WIN

Fishel's White Rocks were certainly very much in evidence at the Great Cincinnati, Ohio, show, where they made a clean sweep in all classes. The Evening Star Journal of December 5th, 1913, in commenting on Mr. Fishel's exhibit states:

"Mr. U. R. Fishel has again maintained his record as being the breeder of the 'Best In The World' White Plymouth Rocks, at the big show held at Cincinnati this week.

"His winnings were as follows: 1, 4 and 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3 and 4 cockerel; 1, 2, 4, 5 pullet; 1, 2 and 3 on old pen; 1, 2 and 3 on young pen; specials on best display in show; special on best display in American class; won championship cups on cock, hen, cockerel and pullet; premium money to the amount of \$200; in all ten cups.

"All 1st and 2nds on Indian Runner Ducks and all prizes on White Cochins Bantams were won by U. R. Fishel, Jr."

### GABRIEL'S BLACK MINORCAS

Fred C. Gabriel, South Bend, Ind., originator of the Raven Black Strain of S. C. Black Minorcas, starts his advertising campaign with this issue of AMERICAN POULTRY WORLD. Mr. Gabriel is well known to readers of A. P. W. having at various times contributed interesting articles of a practical nature on poultry raising. He reports an unusually successful season and states that he has a particularly choice lot of cockerels, that will make high class breeders, for disposal. As Mr. Gabriel has made a very enviable reputation in the leading shows of the middle west, it goes without saying that these birds possess quality and one of them placed at the head of a breeding pen would strengthen most any flock. He believes that fancy and utility go hand in hand and he has not only developed a strain of high standard qualities, but one in which egg production is developed to the highest degree. Readers who desire to secure a good breeding male should not delay in writing Mr. Gabriel as his birds will probably be disposed of rapidly. When writing do not fail to mention A. P. W.



D. P. NORTH,

### ADJUSTABLE CLINCH

Neatest Band on the Market  
25 for 20c; 50 for 35c; 75 for 50c;  
100 for 65c; 200 for \$1; 400 for \$2.  
Sample Free. Postage Paid  
WAVERLY, N. Y.

**WILLIAM COOK & SONS**  
Originators Of All The Orpingtons  
Box W, Scotch Plains, N. J.  
Send 10 cents for Illustrated Catalog, History of the Orpingtons and Hints on Poultry Keeping.

**ARMER'S BUFF ROCKS**  
Second best winners at Madison Square Garden 1913. At Albany, N. Y., Jan. 13th to 17th, five firsts and five seconds. I have a fine lot of young stock for sale as well as a few from last year's breeding pens. Write for prices.  
**FRED ARMER, BALLSTON SPA, N. Y.**

## Rhode Island Reds

Rose and Single Comb Exclusively

Harris' record laying and prize winning strain combines size and vigor. First prize at Boston, Schenectady, N. Y., Chicago and many other shows. Eggs \$2 for 15, \$5 for 50, \$10 for 100. 25 per cent. discount after June 1st.  
**Elm Poultry Farm, W. S. Harris, Mansfield, Mass**

## PARTRIDGE WYANDOTTES AND PARTRIDGE ROCKS

**IDEAL POULTRY YARDS, SHILLINGTON, PA.** A grand lot of young and year old birds for sale. Bred from our constant winners. Look up our records. Specials won wherever shown. If you wish to improve your stock, get the best in the world, bred by Ideal Poultry Yards.

**Prevent and Cure**  
**ROUP and COLDS**  
Don't let roup wipe out your birds and your profits. Use

**Pratts Roup Remedy**

Pills or Powder. 25c, 50c, and \$1.00.

It purifies the system and not only prevents but cures roup, colds, fever, catarrh, diphtheria, etc. To insure perfectly healthy strong, husky layers, add to the feed daily

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### WEBSTER FARM NEW YORK CHAMPION

## WHITE PLYMOUTH ROCKS

BREEDERS NOW FOR SALE

We have a selected lot of Choice Quality Breeders in Cocks, Hens, Cockerels and Pullets, singly or mated in Pens or Trios at Half-Price, write me your wants. Don't overlook this opportunity. Remember this Champion line leads all in winning records at New York, Cleveland, Philadelphia, Williamsport, Etc' Write Now.

WEBSTER FARMS,

Box W,

GIRARD, PA.

## Lichtenwalter's Quality Buff Rocks

The greatest winning line in America. I offer half my breeders for sale. Write me your wants and for particulars.

E. H. LICHTENWALTER,

Box W,

GIRARD, PA.

# FISKE'S WHITE LEGHORNS

are in a class by themselves, at Grand Central Palace we won 1st cock and 1st pen and several other ribbons, in the largest show of Leghorns ever in the east. A few fine cockerels left and over 300 pullets that cannot be beat for sale at \$1.50 up.

**SKYLANDS FARM, Harlo J. Fiske, Mgr.,**

**STERLINGTON, N. Y.**



## THE CHICAGO SHOW

By William C. Denny

(Continued from page 159)

The backs of Mr. Hawkins' birds have a nice slope to tail, enough to give them a very stylish appearance. His second prize pen at Chicago this year contained four grand pullets with snappy barrings, good shape, nice heads and of the quality that we like to see in this variety. The cockerel at the head of this pen was very good and "coming." The cockerel in Mr. Hawkins' first prize cockerel mating pen was the equal in quality of the first prize cockerel in the open class. He was not quite so well matured, but had excellent type and was very uniform in color.

H. W. Halbach of Waterford, Wis., the well known White Rock breeder, made the best record of any breeder of any variety at Chicago this year. Mr. Halbach entered four birds in each of the cock, hen, cockerel and pullet classes, also three old pens and three young pens. He won every 1st, 2nd, 3rd and 4th offered on cocks, hens and cockerels; 1st, 2nd and 4th pullet; 1st, 2nd and 3rd on both old and young pens. Third pullet was the only prize that Mr. Halbach's entries failed to win. Mr. Halbach won 153 points out of a possible 174 awarded. It will be of further interest to note that the hens in the 4th prize old pen were hatched from eggs Mr. Halbach sold, while 5th prize cockerel shown by Mr. Frank Hering of South Bend, Ind., was produced from a pen purchased from Mr. Halbach a year ago. This is about as near as anything to a clean sweep as has been made by a breeder of a popular variety. The entire Halbach string were of good size, fine shape and color including yellow legs, red eye and neat comb. We were especially interested in the vigor and stamina that was shown in the birds of the Halbach Strain. They have broad skulls, good bone and stand well on legs. We especially liked the cockerel at the head of the first prize young pen, he being an exceptional specimen in both style and shape. Mr. Halbach is assisted in his poultry business by his son William, a bright young man nineteen years old. Through Mr. Halbach's coaching he has become very proficient in selecting birds and preparing them for the show room. Mr. Halbach produced 1600 birds this last season. In spite of the increased demand for White Rocks and the best selling season he has ever had, he says that he can still spare choice exhibition birds and high class breeding stock.

Karl Michener of Orrville, Ohio, made four single entries in Buff Rocks and in a class of thirteen won 1st hen, also 4th cock. Mr. Michener's winning hen had good size, nice shape, a neat head and was very even in color.

Partridge Rocks at Chicago were a large and strong class. Of the quality, H. V. Hark, Supt. of Sheffield Farm, who judged the class, said "Chicago never had a class of Partridge Rocks

that could equal this year's exhibit." In this strong competition Bird Bros., of Myersdale, Pa., won every 1st and 2nd prize on cocks, hens, cockerels and pullets, and every 3rd prize excepting 3rd hen. In fact, they won all of the prizes in the open class excepting 3rd and 4th hen and 4th and 5th pullet. They also won 1st old pen and 1st young pen. In company with Messrs. C. M. and C. E. Bird and Judge Hark we handled most of the winners. Among the stars of the class was the 5th prize hen, one of the most remarkable colored Partridge hens that we have seen. She had triple penciling to burn and we found several feathers in the cushion with four perfect pencillings. The feathers on the throat also were almost perfectly marked. She did not win because she was not in full plumage, both wings tail and hackle being but partly grown. First hen was a beautiful type, in this respect very closely approaching the ideal. She also was well penciled and had good head points. The cockerels shown by Bird Bros., were bright red with grand striping in hackle and saddle. An unplaced cockerel, No. 271, was perhaps the most unusual bird in the class. He was two full shades lighter in color of hackle, saddle and the wing bows than the winning specimens and these sections were practically uniform in color. This bird attracted the atten-

tion of visitors to the show as well as the breeders and judges who were interested. 5th cock was a beautiful type bird, about the best specimen in the class in this particular. First cock was very even in color with broad greenish black stripes in both saddle and hackle. He was the best colored Partridge male of any variety shown at Chicago this year. Mr. C. M. Bird said that Partridge Rocks are in good demand and are bringing good prices. "The best sale we ever made was just previous to this year's Chicago Show," said Mr. Bird. In addition to Partridge Rocks, Bird Bros. have a national reputation as producers of high class Bronze Turkeys on which they have won highest honors at leading shows of the

### IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"

Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.

PAUL B. IVES. "Bonnycroft" GUILFORD, CONN.

S. C. Buff and White Orpingtons

S. C. Buff and White Leghorns

Send for Catalogue

Buff Orpington Ducks

Dunrobin Farm,

Red Bank, N. J.

### R. C. Black Minorcas Exclusively

WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.

## CROOK'S SINGLE COMB REDS

Won 15 firsts, 4 at Cleveland, Ohio. Plenty of good birds for sale. If you need a Red tell me what you want and I'll gladly quote same.

SUMNER G. CROOKS,

Box W,

LORAIN, OHIO

## Northup's R. and S. C. Black Minorcas

have history: During the past 30 years they have been exhibited at all important shows in America and have won 95 per cent. of all first and second prizes competed for. We have the original Geo. H. Northup & Son stock in its purity. Write for free catalogue.

Marcus Allen Northup, Mgr., N. Y. & N. J. Poultry Farms, Inc.,

Orangeburg, N. Y.

Successor to Geo. H. Northup & Son



### Ship Day Old Chicks in This Safe Box

We ship thousands of baby chicks each season from Tywacana Farms to all parts of the country in the strong but light and compact

**Wright Box**  
THE RIGHT BOX

The most satisfactory box for shipping chicks. It has adjustable ventilating regulator which meets varying weather conditions more satisfactorily than any other device. Chicks do not trample, smother or get chilled. Made of double, reinforced corrugated cardboard—it is

#### Strong—Simple—Safe—Sanitary

The New Wright Egg Box is the strongest and lightest package for shipping hatching eggs or fresh table eggs. Easy to pack—each egg has absolute protection—cannot shake or jar. Both chick and egg boxes are shipped to you flat and are easily set up and packed for shipment to your customers.

Write today for Free Booklet describing The Wright Boxes for shipping chicks and eggs.

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## PARTRIDGE'S S. C. WHITE LEGHORNS

Persistent layers of large white eggs—the kind that command top notch prices at all times. Am prepared to furnish desirable eggs for hatching purposes from pens headed by this season's best layers and prize winners.

CHAS. W. PARTRIDGE,

R. F. D. No. 1,

WHITE PLAINS, N. Y.



country. They are in a position to fill the demand for any quantity in either Partridge Rocks or Bronze Turkeys.

Guy Daily of Jeffersonville, Ind., did not exhibit at Chicago in the White Rock class this year. He spent one day at the show looking over the winners and renewing acquaintances. Mr. Daily reports a good selling season, but says he still has on hand some very choice stock to dispose of.



\* This splendid White Wyandotte cockerel captured high honors at the Great Allentown Fair, 1913. He is only one of the many high class specimens produced annually by the Onlya Farms, Florham Park, N. J. Descriptive literature will be sent free upon application to all interested in White Wyandottes if this paper is mentioned.

He is already making preparations for the egg trade and has a number of pens mated up. His complete list of matings will be finished before the first of the year. In competition with a number of well known eastern breeders at the 1913 New York State Fair, Mr. Daily won a goodly number of prizes including several firsts.

Competition in Rhode Island Reds at Chicago is always "red hot" and this year was no exception. Think of a class of 105 cockerels shown by 47 exhibitors and it will give you some idea of the competition. In this strong class Fred E. Harrison, Menominee, Mich., won: 1st and 4th cock; 2nd and 5th hen; 1st and 5th cockerel; 1st, 2nd, 3rd and 4th pullet; 1st and 3rd old pen; 1st and 5th young pen; special for best display; color special male, shape special male, color special female, shape special female, best colored pen. This is even better than Mr. Harrison's record of last year when he won four firsts and a large number of regular and special prizes. In speaking of Mr. Harrison's first prize pullet at this year's show, Judge Tucker said that she was the best he had ever handled. In looking over the class, the quality of Mr. Harrison's first prize cock bird appealed to us. This bird had splendid type, was a rich brilliant red throughout, had good wing markings, a greenish black tail and a good comb. First cockerel was in very fine condition and splendidly shown. He had a good spread of tail, nice type and even color. Mr. Harrison told us that this was the third time this bird had won first prize, he having already been awarded "the blue" at the Illinois State Fair and at the State Fair of Upper Michigan. In

all he has defeated 168 cockerels. Last year Mr. Harrison won 1st, 2nd and 3rd pullets, this year he went that record one better and won 1st, 2nd, 3rd and 4th with four birds that were very uniform in type and color. In fact they are four of the best that we have seen any breeder show at one time. While all of the pullets had splendid hackle ticking, first pullet was absolutely ideal in this respect. Mr. Harrison has 2,000 birds for sale. He has issued a large catalogue containing a color plate showing Rhode Island Reds in natural colors. This large book with pages as large as those of AMERICAN POULTRY WORLD is an expensive production and Mr. Harrison is charging 25 cents for it. His regular mating list can be obtained without charge by those who mention AMERICAN POULTRY WORLD.

B. H. Scranton of Rising Sun, Ind., was another successful exhibitor in S. C. Rhode Island Reds. Mr. Scranton made three entries in the cockerel class and won 2nd, 3rd and 4th in a class of 105 cockerels. Second cock-

erel was very rich and exceptionally uniform in color. There was absolutely no contrast between the breast, body and the top sections. His under-color was pure throughout, not even a trace of black or smut at the base of the hackle. He had a strong wing and a splendid green black tail. His length of body was good and he had a nice comb and wattles with a good red eye. All three of Mr. Scranton's winning cockerels had fine wings and good colored tails and very rich under-color. His first prize cockerel at Cincinnati the week previous was 3rd at Chicago. First prize cock at Cincinnati was second at Chicago. This latter bird was very rich and even in color with good size. Mr. Scranton's first prize hen at Chicago was remarkably even throughout, her breast, back and wings matching beautifully. Third prize hen was the richest colored hen in the class possessing the sheen and brilliancy of a pullet. This hen also was grand in type. Mr. Scranton's pullets were hardly ready, but gave indications of splendid type in addition to very rich

## ROSE AND SINGLE COMB REDS



We have won more prizes in the last three years, in the largest shows of the country, than any other exhibitor. This is not hot air but facts and is easily proven. We are in a position to furnish stock for any show, large or small and are offering some bargains for quick sales. If you want to improve your flocks, our blood lines will do it. If you want to win, we can help you. Our beautiful catalog of 64 pages, printed in three colors, contains many articles on raising and caring for poultry. It will be sent for 20 cents in cash or stamps. We are the largest breeders of Rhode Island Reds in the world and if you are in need of anything, come to headquarters.

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Office: 865 State Life Bldg.,

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# Belle City Now 8 Times World Champion



Jim Rohan, Pres.

**Jim Rohan's Famous Low-Priced Hatching Outfit Again Beats Them All. Learn How Poultry Raisers Pile Up Profits With This 100% Winner.**

**H**URRAH for the Belle City! Three more world championship victories added to its list! My Belle City is now the Eight-Times World Champion—and still winning! All the high priced incubators go down to defeat before it. 276,000 poultry raisers are gathering in a harvest of dollars with my Belle City outfit.

You can do the same. You take no chances. Back of my Belle City is my personal money back guaranty on every outfit. Back of my guaranty is the success of 276,000 users of my Belle City with thousands of 100% hatches.

**I will send you an exact duplicate of the Prize Winning 8-Times World Champion Belle City Hatching Outfit.**

I've just published a new book—the greatest thing ever gotten out on hatching success. It shows you how money—**BIG MONEY**—is made in the Poultry business. No matter whether you are a veteran or just beginning, you want this book. It's free.

Send for it today. It shows you my 8-Times World Champion Belle City Hatching Outfit in actual colors.

It tells you exactly how my Belle City is made; how it is different from all others; how I have put into it everything worth having in and on an incubator—the features that have made the Belle City the 8-Times World Championship Winner. It tells you all about my famous brooder—guaranteed to raise the chicks you hatch. It tells you why the Belle City is the lowest priced hatching outfit made.

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test—10 year guarantee—how I send them all freight prepaid. All I ask is the chance to prove everything to you by sending you all the facts, figures and information. Just say "Send your 8-Times World Championship Book." Address me personally. Jim Rohan, Pres.

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1, 2 or 3 Months Home Test Freight Prepaid East of Rockies Allowed that far if you live beyond.



color later on. Not one showed any contrast in the color of neck and the body sections. They were an even rich red all over. Both the males and females in his second prize old pen were very strong in color, the male had a grand wing and was brilliant in surface while the four females were of good size and type. All of the hens that we have seen Mr. Scranton exhibit appeared to hold their color and are a very rich brilliant red. In males the under-color is pure, even at the base of the hackle. Mr. Scranton told us that he will sell eggs from the best matings he has ever put together.

A. G. Studier of Waverly, Ia., Editor of the Rhode Island Red Journal, is surprised at the interest that the general public is taking in the Rhode Island Red Journal. Mr. Studier says that the paper has readers in all parts of America and in foreign countries. The January issue of this publication will have a detailed description of the winners in the red classes at Chicago. Rhode Island Red breeders should send for a sample.

W. C. Pierce of the Buschmann-Pierce Red Farms, did not exhibit at Chicago this year owing to his duties as Secretary of the big Cincinnati Show, which was held the week before Chicago. However Mr. Pierce sold a number of birds including the first prize young R. C. Rhode Island Red pen at Chicago. James A. Tucker who judged this class said that the cockerel at the head of this pen was the best Rose Comb Red male in the show. The four females with him were a beautiful even shade of rich brilliant red that matched beautifully. Mr. Pierce said that he was mating up his breeding pens early and would be in a position to fill early egg orders. He still has some fine stock for sale.

It is not usual to find such a strong display of S. C. Brown Leghorns as was exhibited at Chicago this year. The class was particularly strengthened by the splendid string of birds shown by Williams Bros. & Brace of Fullerton, Calif. After a shipment of 2500 miles and being five days on the road, the entries of this firm were successful in carrying off many of the best prizes including 1st and 2nd cock; 1st and 3rd cockerel; 2nd pullet; 1st and 3rd pens. A number of other prizes and numerous specials were also awarded to them. In placing the awards in females, Arthur C. Smith who judged the class seemed to attach great importance to uniformity of color in back and wings, rather than in the particular shade of color in these sections and the color of breast and striping in neck. As a result not all of the winning females at Chicago possessed the soft shade of brown that is usually accepted as the color that the Standard calls for. It is our opinion that the shade of color in backs and wings of Brown Leghorn females is equally as important as the shade of bright red in the hackle and saddles of the males, or for that matter as the ideal shade of buff. We had a very interesting visit with Mr. J. C. Williams who was in personal charge of the exhibit. His first prize cock was first at the Buffalo Show Thanksgiving week, 1913. He was a

grand bird with beautiful head points, splendidly striped hackle, a good saddle and excellent shape. Mr. Williams showed us a hen eight years old that was the mother of all four of the pullets in the first prize pen. These pullets were the result of mating this hen with her third line of cockerels. This hen was unplaced at Chicago, but had already won fifteen firsts on the Pacific Coast. She had the appearance of a pullet and in this respect was remarkable. She was very soft and even in color had a grand hackle and very little shafting. First prize cockerel was rich in color with good striping in saddle and hackle. He had an almost perfect five point comb. The four pullets in the first prize pen were as "peas in a pod." They were a soft beautiful brown, free from shafting or brick in wings. They had golden, not lemon hackles and grand yellow legs. We never saw a better matched pen of pullets. The color of legs in the entire string of 35 birds shown by Williams Bros. was unusual. When Mr. Brace, who was formerly prominent as a breeder and exhibitor of Brown Leghorns in the east, joined partnership with Mr. Williams, he was surprised to note the unusual color of legs found in their birds. Mr. Williams said that indifferent judging was holding the popularity of Brown Leghorns and that it was his opinion that classes for

cockerel-bred females and pullet-bred males should be abolished. He also believes that the present tendency to breed brighter and lighter colored males will prove beneficial. Mr. Williams mentioned that his experience in shipping hatching eggs by parcel post was very satisfactory. He stated an instance of sending 45 eggs to a customer in Virginia. They arrived in perfect condition and produced 42 chicks. The cost of sending these eggs was 35 to 40 cents instead of express charges of \$1.75 to \$2.00. Messrs. Williams Bros. & Brace have a very big trade in the middle west and even in New England.

W. O. Chase of Hillsboro, Ill., exhibited R. C. Brown Leghorns and Rose and S. C. Black Minorcas. He won 2 firsts, 4 seconds, 7 thirds, 6 fourths and 2 fifths in these varieties in competition with four hundred birds. Mr. Chase reported having one thousand head of stock to sell.

We did not meet Morgan Bros., of

**WE WON** Best Red in Show, best bird in American class. Won firsts, etc., at such shows as Allentown Fair, Camden, Easton, New York Fair, Northampton Co. Fanciers where the competition is always strong. We are offering young Stock bred from above winners and others equally as good from \$3 and \$5 each up. Pens that we call utility \$15. These prices are for quick sales. We defy competition price considered—any \$5 bird easily worth double, will be sent on approval. Write your wants. A postal will do.

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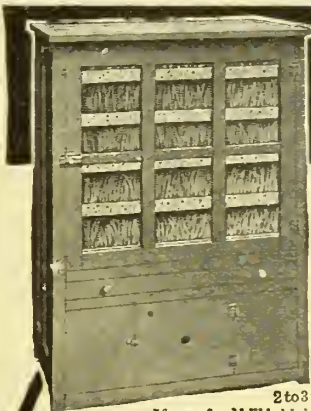
## ANDERSON'S R. C. RHODE ISLAND REDS

Again win at Central Palace Show and Greater Philadelphia, six regular prizes besides shape and color specials. A grand lot of youngsters to dispose of that will improve your flock at right prices.

ANNESLEY M. ANDERSON,

Box W,

MORTON, PA



# \$2<sup>00</sup> Back for Every \$1.00 You Spend

**N**O other one thing, since the invention of the modern incubator, pays the poultryman such large dividends as a reliable grain sprouter—**The Reliance**.

And, if there is one time more than another when every poultryman absolutely needs a Reliance Sprouter—not only for the profit it brings, but for the chicks it saves—now is the time, during the cold days of January, February and March.

Figure it up for yourself and you'll see that for every dollar you spend for a sprouter the Reliance will make and save 2 to 3 times that much for you every month.

If your feed bill is high—Reliance Sprouted Oats will cut the bill in half. If your hens don't lay and your egg yield is below average—Reliance Sprouted Oats will keep them laying all winter and increase the yield over 50%. If your hens are not thriving—Reliance Sprouted Oats will make and keep them healthy, sturdy and promote growth.

## Reliance Grain Sprouters

Are Sold Direct from Factory at Low Bargain Prices

In November and December we cut the price on all four sizes way below competition. We will adhere to that low price for the rest of the season. Better values you can get nowhere else.

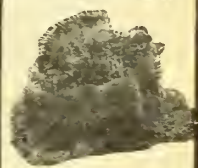
**The Reliance is Not Only Cheaper—But BETTER**

It has double walls, double insulation, extra galvanized iron linings, galvanized trays, (not wooden), strong screening. The lumber is of the highest grade, the heating system is better, the ventilating system is faultless; besides the front contains more glass which induces larger quantity of sprouts. Write for literature and low prices. We ship same day order is received. Safe delivery guaranteed.

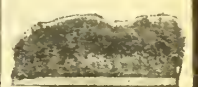
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### Reliance Sprouted Oats



Taken from photo of 3 hn. tender, juicy sprouts. All from 1 bu. of oats placed in a Reliance Sprouter on Monday and taken out on Saturday morning. Think of the cheap feed you're getting and the extra eggs.



Taken from photo of tray full of sprouts before feeding a flock of hens. Note the tray is not wood—but heavy galvanized iron with double locked and riveted frame which can not rot or wear out like the wooden ones. Other superior features in our literature. Send for it.

# SILVER CAMPINES

Winners at the Greater Buffalo Show, 1913, Allentown, Pa., Fair Show, winning futurity stake and Philadelphia winning in strongest class shown 2nd cockerel. Booking orders from champion matings, \$10.00,

Special matings \$5.00

W. C. D. FRANTZ,

Box W,

NEFF'S, PA.



West Alexander, Pa., breeders of Black Langshans and R. C. White Leghorns. Messrs. Morgan did not exhibit Black Langshans, but in R. C. White Leghorns won ten prizes on seventeen entries in a large class of this variety. Their first prize pen contained four well matched pullets and a stylish cockerel that had good head points and nice shape.

Fred C. Gabriel of South Bend, Ind., breeder of S. C. Black Minorcas, entered a cock, hen, cockerel and pullet and won 2nd hen, 5th cock and 5th cockerel. The Black Minorca class at

erels and pullets that he will sell at very reasonable prices. He is offering eggs from his best matings at reasonable prices.

R. A. Rowan of Los Angeles, Calif., who has done a great deal to revive interest in the White Faced Black Spanish, sent an exhibit of 16 birds to Chicago and won all the prizes. Mr. Rowan has spent many years in perfecting this breed and at Chicago showed a cock bird that measured 7 1-2 inches across the face. This bird and the other numerous high class specimens in Mr. Rowan's exhibit

were very striking in appearance. C. B. Brown, who has had charge of Mr. Rowan's exhibit at past Madison Square Garden and Boston Shows, was at Chicago in active charge of Mr. Rowan's exhibit. Mr. Brown is both capable and conscientious, and the confidence reposed in him by Mr. Rowan is merited.

The Blue Andalusian class at Chicago was larger than usual and contained a number of high class specimens. In this variety L. C. Taylor & Son of Gibsonburg, Ohio, won 1st and 3rd cock; 1st and 3rd hen; 2nd cockerel; 1st and 2nd pullet and 2nd old pen. Mr. L. C. Taylor was present in charge of the exhibit. First prize hen was an unusual specimen, being a beautiful blue with distinct even penciling in all sections. Messrs. Taylor & Son also breeds Golden Pheasants, Black and White R. C. Bantams. They have a few choice Andalusian males and females still to sell and some R. C. Bantam males in both Black and White varieties.

They are now booking orders for eggs. Mr. L. C. Taylor is a poultry judge and has been placing awards at a number of shows in the middle west. Among his this season's shows are Muskogee, Okla., Kalispell, Mont., Sparta, Wis., Fairmont, W. Va., Warren, Ohio. In all he places awards at eleven winter shows.

Hugh A. Rose of Welland, Ont., whose Buff and Black Orpingtons have been successful at prominent eastern shows including New York, Boston, Baltimore, New York State Fair, Toronto, etc., won the major portion of the prizes in Buff Orpingtons as follows: 1st, 2nd and 5th cock; 3rd hen; 1st and 5th cockerel; 1st, 2nd and 4th pullet; 3rd young pen; no old pen show. In specials his entries were awarded Gold special for best display, while his first prize cock bird won special ribbons for best shaped and best colored male. This bird was even golden buff all over, with absolutely solid buff wings and tail. He had good bone and size with nice Orpington shape. His first prize cockerel was golden buff from head to tail.



WINNER OF FIRST PRIZE, NEW YORK, DEC. 1907.  
BRED AND OWNED BY OWEN FARMS, VINEYARD HAVEN, MASS.

A Madison Square Garden winner belonging to Maurice F. Delano of Owen Farms. The Owen Farms have made a wonderful record in the leading shows of the country and have supplied winners to their customers in all parts of the world. Maurice F. Delano, now proprietor, will breed Buff and White Orpingtons, White Rocks, White Wyandottes and S. C. Rhode Island Reds only, and the quality in these varieties, for which Owen Farms has been noted, will be maintained and improvement made wherever possible.

Chicago was unusually strong containing a large number of birds that had size, shape and color. Mr. Gabriel is offering some stock for sale at reasonable prices. He is also booking orders for the egg trade.

Ross Swartout of Newport, Ont., made an entry of 22 birds including two pens and in a strong class won 1st and 4th cock; 1st and 4th hen; 2nd and 3rd cockerel; 2nd and 4th pullet; first old pen and first young pen. A splendid record. Mr. Swartout has been a successful exhibitor at Madison Square Garden, also the club show at Scranton, as well as at leading Canadian shows. Last year at Madison Square Garden he won 1st pen, 4th cock, 1st and 2nd hen; 2nd cockerel and 1st and 4th pullet. At the club show at Scranton he won four firsts in one of the largest and best R. C. Black Minorca classes ever shown. Mr. Swartout's birds are big boned and have fine shape and brilliant color, with neat close fitting combs and good ear lobes, and wattles. He told us that he had 150 very selected birds including numerous exhibition cock-

# EGG RECORD

AND

# Account Book



An Easily Kept Record of Profit and Loss

A simple, easy method for keeping correct account by the day, month and year of all expenses and income from eleven yards of fowls; also record of all eggs laid, set, or sold; chicks hatched, reared, sold, etc.; also record of orders as filled.

## How much did you make last year?

This book was prepared to meet the need and demand for an accounting system whereby a breeder can rear poultry more intelligently as to profit and loss, and in its present form embraces the best of the systems employed by our most experienced poultry breeders.

The rapid sale of the several editions of this book and its universal approval by the poultry press and poultrymen is proof that it does the work for which it was designed.

Price, 25 Cents, Postpaid

A full year's subscription to AMERICAN POULTRY WORLD and one Account Book for 60 cents.

American Poultry Publishing Co.

Buffalo, N. Y.



When handling this bird and drawing the hackle over the saddle and wings it was impossible to tell where one section began and the other left off. An unplaced cockerel belonging to Mr. Rose was a trifle "hot" in color, but had wonderful type, good bone and was up to Standard weight. Frank Conway, poultryman for Mr. Rose, said that this male would make a wonderful breeder of females. The 1st, 2nd and 4th pullet and the four pullets in the 3rd young pen were all sisters from the same mating. 1st and 2nd pullets were splendidly shown and grand birds. The second was considered by buff specialists to be as good in color as any buff female of any variety that has been shown in Chicago down to date. She was absolutely sound in wing, nearly so in tail and a soft golden buff that had no tendency to shafting or mealiness in any section. The string of Black Orpingtons exhibited by Mr. Rose at this show was equal to any lot of birds that has ever been shown at Chicago by a single breeder. Every specimen was high class. One of the three cockerels in the open class, No. 1663, was pronounced by prominent Orpington experts to be the best Black Orpington cockerel that has been shown down to date. This specimen was very massive, with great breadth of back, length and depth of body. He possessed about the right length of thigh and shank for an Orpington while his color was splendid. Mr. Rose's first prize hen was very brilliant in color with good bone and size. His 4th prize hen was first hen at Madison Square Garden in 1912, and first prize at Boston in 1913. This hen was a splendid Orpington without any cushion feathers or characteristics. An unplaced hen, No. 1647, was the best colored hen in the class, being equal in color to many of the best Black Hamburgs. The cock bird at the head of the third prize old pen was the second best adult male shown by Mr. Rose. This was a grand bird with plenty of bone, good type and color. He was mated with four good hens. The first prize young pen had a well developed male at the head, while the pullets were of the same high quality as those shown by Mr. Rose in the open class. Mr. Conway informed us that they had over 700 Orpingtons, Blacks and Buffs, and that they were in a position to supply quantity and quality in exhibition and breeding stock.

C. S. Byers of Hazelrigg, Ind., was at the show all week. Mr. Byers is to judge all the Orpington classes at the Boston show to be held January 13-17, 1914. He told us that trade in Orpingtons was never better than this year and that he had some grand stock, young and old, to sell.

We had a pleasant visit with E. S. Aldrich of Aldrich Poultry Farm, Columbus, Ohio. Mr. Aldrich told us that trade in White Orpingtons was brisk, especially as compared with a year ago. During November, 1913, he had three times as many inquiries as in 1912, while the number of birds sold was double and prices averaged as good or better. Up to the time of the Chicago show, Aldrich Poultry Farm had already booked orders for double the number of egg orders that they had a year ago. The Aldrich White Orpington display this year at Chicago contained a higher average of quality than we have ever seen them exhibit. There were about 150 White

Orpingtons including the birds in the pens at Chicago this year. In this class Aldrich Poultry Farm won 76 points for best display as against 68 a year ago. Their winnings included 1-3 cock; 1-2-5 cockerel; 2-4 hen; 1 old pen and 1 young pen. No pullets were shown. To our way of thinking the 1st pen cock was the best bird in the class. He had a splendid head, was massive in size and of grand type. The pullets in the first young pen, also the cockerel, were from a special mating headed by this bird that Mr. Aldrich has named "Quality King." He was first prize cockerel at Madison Square Garden in 1911, and last year headed a pen from which eggs were sold at \$3.00 each. Mr. Aldrich informed us at Chicago that this price will be reduced to \$2.00 each the coming season. The first prize cock was a yearling. He was a splendid bird with grand type including a broad back and a fine tail carriage. He was of exceptional color. Mr. Aldrich said that he was depending on males of this color to produce stay-white birds. This male won special for the best colored White Orpington male. Mr. Rawnsley, poultryman at Aldrich Farm, who was in charge of the birds at Chicago, said that this bird was put in show condition on soap and water only that no bleaching of any kind was used. An unplaced hen that appeared to be the class of the White Orpington females was first hen at Madison Square Garden last year and incidentally we

were told that she was mother of the first prize cockerel this year. She was left out of the winnings by Judge McCord for lack of primaries and secondaries in wing, which she dropped while in the show room previous to the time at which the awards were placed. The four cockerels shown by Aldrich Poultry Farm won 1st, 2nd and 5th. Every bird was a splendid specimen possessing size, bone and good Orpington type in addition to fine color. It has often been said that it required the peculiarities of the English climate to produce size and bone in exhibition poultry, but it is very evident that this lies with the man who is caring for and feeding the stock. The 2nd and 5th prize White Orpington cockerels, at this show, were hatched on the same day by the same hen, from eggs from the same mating. At the show one weighed eleven pounds and the other ten, while the four Aldrich Farm cockerels averaged ten pounds each. Mr. Rawnsley, Mr. Aldrich's poultryman, came to America from England in

### Rose Comb Rhode Island Reds

Blue Ribbon winners at Hagerstown, Allentown and other big shows, including Madison Square Garden. Stock and Eggs for sale.

Twin Oaks Farm,

Palmyra, Pa.

### McEwan's Partridge Wyandottes

Winners at Madison Square Garden, Albany and Rochester and elsewhere. Advocate and practice single matings only. Eggs at reasonable price.

C. B. McEwan,

Albany, N. Y.

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**W**ITHOUT doubt, here are the four biggest incubator bargains ever offered. Read this ad. Note how much better is the 1914 Reliance Incubator—that it has no complicated parts—that it can be successfully operated by boy or girl—that it is more substantially built, reliable, durable—and sells at a price \$10 to \$15 lower than old model incubators. You needn't hesitate any longer about buying an incubator. We've got the incubator that will do just what you want it to do—at all times—and at a price you can well afford to pay.

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150-Egg Incubator - \$5.75

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Total - \$8.75

Both for Only \$8.25

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70-Chick Brooder - 3.00

Total - \$6.90

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The 1914 Reliance Incubator is sure to become the sensation of the year.

1st—Because the Reliance is so simple; you don't have to experiment, or take lessons, to get best results. 2nd—The Reliance is so economical that it costs only a little oil money for a big hatch. 3rd—The Reliance is so reliable, that it requires very little attention and causes no trouble. 4th—The Reliance is so efficient, that it hatches every hatchable egg placed on the tray.

The 1914 Reliance is made of the best lumber. Side walls and top are made of three thicknesses—cold can't get in, heat can't get out. Equipped with best regulator, thermometer, egg tester, lamp, egg trays. Beautiful finish, steel legs. Order direct from us on our guarantee, or send for literature today.

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The time is just right for making big hatches—big money. Start now and get in an extra hatch before season is over. Every extra hatch means just that much more profit for you.

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She writes: "I received your incubator O. K. My first hatch was 177 chicks out of 200 eggs and the second hatch 192 chicks out of same number of eggs. I thank you for sending me such a good incubator and will get several orders for you from this neighborhood."—Mrs. Ross, Kahoka, Mo.



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the  
Equal  
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The Reliance makes chicken-raising pay big profits. No losses; no repair bills; no extras to buy; no waste of oil.

Better order your incubator or brooder—or both right now from this ad. You'll never get any other such offer.

If you want particulars, write for our literature. We send just a plain circular, but it's filled with Reliance Incubator facts and reasons why we can sell better than a \$15 hatchery for only \$3.90 and \$5.75. Send your order and start quick. The Reliance will give you satisfaction. Why not order a 70 or 150-egg size—NOW.

## WHITE WYANDOTTES

FOUR ACRE POULTRY YARDS. Eggs for hatching, prize winning stock, farm raised \$3.00 and \$5.00 per 15 eggs, \$6.00 and \$10.00 per 45 eggs. Book your order now.

FOUR ACRE POULTRY YARDS,

R. F. D.

MERIDEN, CONN.



June, 1911. He is from a family of poultrymen, both his father and his grandfather, before him, being noted breeders and judges in England. While in England, Mr. Rawnsley was with W. L. Horbury, one of the most successful exhibitors on the other side of the "big pond", so he has had a big hand in helping to develop the present high quality in White Orpingtons.

In company with C. S. Brent of Dartmoor Poultry Yards, Oconomowoc, Wis., we looked over the Dark Cornish exhibit which contained a number of excellent birds. The first prize cockerel was a bird that was recently imported from England by Mr. Brent. He showed splendid type and low station. He had short heavy thighs and shanks and his legs stood well apart. First prize cock shown by Mr. Brent had a fine body and one of the best heads we have seen on a Cornish, comb being low, regularly formed and close fitting to the head. Mr. Brent has very few surplus birds to sell, but is booking orders for some choice matings.

Frank E. Hering of South Bend, Ind., was by far the most successful exhibitor in the Silver Campine classes, which numbered in all 159 birds, one of the largest, if not the largest exhibit of this variety that has been shown in America. A. O. Schilling who placed the awards in this class and who has made a study of Campines in England and Belgium as well as in this country, said that he had never seen a finer display. Mr. Hering won four of the six firsts, three of the six seconds, three of the five thirds, one of fourth and two of fifth. "Silver King," a cock bird heading Mr. Hering's first prize old pen, attracted a great deal of attention, for in addition to possessing unusual good marking and Campine type, this bird has proven to be a wonderful breeder. He was in Mr. Hering's breeding yards this last season and is the sire of the 1st and 4th cockerel; 1st, 2nd and 5th pullet, and all five birds in the first prize young pen. 1st and 2nd pullets not only showed splendid markings with neat combs, but they possessed fine type and style as well. Mr. Hering's young birds in particular exhibited strength and vitality, having good skulls, strong beaks, well rounded breasts, broad shoulders, and legs that set well apart. Almost without exception they carried well spread tails. The first prize cockerel was one of the best young birds of the year. He was of good size and exhibited fine style. His barring was very distinct and carried well out on to the main tail sickles, the lesser sickles and tail coverts. We have never seen a Campine cockerel with longer main sickles and a larger number of lesser sickles and tail coverts. Most of Mr. Hering's birds, the males in particular, show a beautiful green sheen, a feature that he has put forth considerable effort to develop. Leo J. Brosemer who has worked for a number of the best known poultry establishments in America, is in charge of Mr. Hering's Campines. He is an enthusiastic, capable and hard working young man. Mr. Hering also breeds S. C. White Leghorns and his flock of this variety is in charge of Harmon Bradshaw, formerly of Lebanon, Ind. Mr. Bradshaw needs little introduction to poultrymen of the country as he has been well known both as an exhibitor and judge.

W. H. Monroe of the Close-to-Nature Co., Colfax, Ia., was in charge of the interesting Grain Sprouter ex-

hibit made by his firm. A large amount of credit is due to the Close-to-Nature Co. for the present popularity of sprouted oats as a green food for poultry of all ages. This concern was one of the first to extensively advertise grain sprouters. The success of their manufactured product has been wonderful. Mr. Monroe told us that last season it was only with difficulty that they kept up with their orders which they ship by the carload to all sections of the country. Poultrymen who have not tried sprouted oats as a food for poultry should give them a trial. They will find them very satisfactory both winter and summer for baby chicks as well as exhibition and breeding stock.

Chauncey Besuden of Besuden Bros., Cincinnati, breeders of Par-



The reputation of Onlya Farms White Wyandottes is country wide and at any shows where birds of this strain are in competition we are sure to find plenty of quality in the White Wyandotte classes. The female shown above captured first prize and other honors at the Great Allentown Fair, 1913.

tridge Rocks and Buff Wyandottes, visited the Chicago show in order to attend the meeting of the American Plymouth Rock Club, and look over the Partridge Rocks and Buff Wyandotte classes. Mr. Besuden reported a good season and advised us of a splendid winning made in big classes at the Cincinnati show held the week previous to Chicago. In Buff Wyandottes they won 1st, 2nd, 3rd, 4th and 5th on cocks, hens, cockerels and pullets, also 1st, 2nd, 3rd and 4th on both young and old pens, as well as special for second largest display of any one variety. On Partridge Rocks their prizes were as follows: 1-2-3 cock; 1-2-5 cockerel; 2-4-5 pullet; 1-4-5 old pen; 1-3 young pen, and all special prizes including Gold Special for best male and Gold Special for best female.

Mr. W. Besuden, Proprietor of Wahebe Bantam Yards, Cincinnati, Ohio, accompanied his brother to Chicago. He breeds Buff, White, Black and Partridge Cochins Bantams. At three leading fall fairs in 1913, in competition with many well known breeders, Wahebe Cochins Bantams won nine firsts, as many as all competitors combined. This firm's advertising is on the inside back cover of A. P. W., and intending buyers will do well to look over their offerings before placing orders.

A. E. Martz & Son of Arcadia, Ind.,

breeders of "Fashion Plate" Buff Orpingtons, had a display pen in the center of the hall in which they exhibited a cockerel and four pullets of soft even golden buff. A. E. Martz, senior member of the firm, was present and advised us that they will have 28 pens for the coming season's egg trade of which 20 were finished at the time of the Chicago show. Mr. Martz is in the poultry business with his son, Mr. F. M. Martz, and both devote their entire time and attention to the raising of Buff Orpingtons. They make a specialty of the early egg trade, as well as furnishing exhibition birds and breeding stock. They have issued a new catalogue consisting of 60 pages, including color plates showing "Fashion Plate" Buff Orpingtons in natural colors. There are 40 other cuts showing numerous prize winners at prominent shows. Two tons of paper were required in printing the first edition of this catalogue, copy of which can be obtained free on request. Martz & Son have plenty of stock including some very choice breeding males for sale. They have hens and incubators now working and expect to have newly hatched chicks the first of January.

Mr. S. L. Smith of the Automatic Trap Nest Co., Duluth, Minn., was present, explaining the merits of the device he invented. Mr. Smith said, "Our nest was gotten up primarily for the purpose of selecting laying hens from non-layers, of which there is an average of about 50 per cent. in every flock". Mr. Smith showed us the nest and the manner in which it is operated. It is entirely automatic and requires no attention to operate it. It is constructed entirely of metal and is absolutely sanitary. The nest can be used for setting hens and pedigreed breeding stock as well as for the selection of non-layers. Readers of AMERICAN POULTRY WORLD who have not had it should send for a copy of the descriptive advertising matter that is being sent out by this firm. It will give them a splendid idea of the nests which are shipped, knocked down, and which can now be forwarded by parcel post.

Chas. V. Keeler, the well known White Wyandotte specialist and popular poultry judge, spent a day at the Chicago show on his return trip from the Pacific Coast, where he judged the Pasadena, Calif., show. Mr. Keeler has had an extended list of judging engagements this last season and states that it is his opinion there is a bright outlook for the coming season's business. "For myself, trade in White Wyandottes is good", said Mr. Keeler.

#### WINNINGS OF A. P. W. ADVERTISERS

**BARRED PLYMOUTH ROCKS:**—A. C. Hawkins, 1-5 cock; 4 hen; 1-3 cockerel; 1 pullet; 1 pullet-bred cock; 1-3 pullet-bred cockerel; 2 pen; 2 pullet-bred pen; 1 cockerel-bred pen.

**WHITE PLYMOUTH ROCKS:**—H. W. Halbach, 1-2-3-4 cock; 1-2-3-4 hen; 1-2-3-4 cockerel; 1-2-4 pullet; 1-2-3 old pen; 1-2-3 young pen.

**BUFF PLYMOUTH ROCKS:**—Carl Michener, 4 cock; 1 hen.

**PARTRIDGE PLYMOUTH ROCKS:**—Bird Bros., 1-2-3-4-5 cock; 1-2-5 hen; 1-2-3 cockerel; 1-2-3-4-5 pullet; 1 old pen; 1 young pen.

**S. C. RHODE ISLAND REDS:**—Fred E. Harrison, 1-4 cock; 2-5 hen; 1-5 cockerel; 1-2-3-4 pullet; 1-3-4 old pen; 1-5 young pen. B. H. Scranton, 2-3 cock; 1-3 hen; 2-3-1 cockerel; 2-5 old pen; 4 young pen.

**S. C. BROWN LEGHORNS:**—William Bros. & Brace, 1-2-5 cock; 1-3 cock-



erel; 2-5 pullet; 2 pullet-bred cockerel; 1-3 pen.

R. C. BROWN LEGHORNS:—W. O. Chase, 2 cock; 3 cockerel; 4 pullet; 2-4 pullet-bred cockerel; 1 cockerel-bred hen; 3-4 pen; 3 pullet-bred pen; 3 cockerel-bred pen.

R. C. WHITE LEGHORNS:—Morgan Bros., 2-3-4 cock; 3-4-5 hen; 4-5 cockerel; 4 pullet; 1 pen.

R. C. BUFF LEGHORNS:—H. B. Green, 1 cockerel; 5 pullet.

S. C. BLACK MINORCAS:—Fred C. Gabriel, 5 cock; 2 hen; 5 cockerel.

R. C. BLACK MINORCAS:—Rose Swartout, 1-4 cock; 1-4 hen; 2-3 cockerel; 2-4 pullet; 1 pen old; 1 pen young.

W. C. Chase, 3 cock; 3-5 hen; 2-3 pen old.

WHITE FACED BLACK SPANISH:—R. A. Rowan, 1-2-3 cock; 1-2-3 hen; 1-2-3-4-5 cockerel; 1-2-3-4-5 pullet.

BLUE ANDALUSIANS:—L. C. Taylor, 1-3 cock; 1-3 hen; 2 cockerel; 1-2 pullet; 2 pen old.

S. C. BUFF ORPINGTONS:—Hugh A. Rose, 1-2-5 cock; 3 hen; 1-5 cockerel; 1-2 pullet; 3 pen young.

S. C. BLACK ORPINGTONS:—Hugh A. Rose, 1 cock; 1-4 hen; 2 pullet; 3 pen old; 1 pen young.

S. C. WHITE ORPINGTONS:—Aldrich Poultry Farm, 1-3 cock; 2-4 hen; 1-2-5 cockerel; 1 pen old; 1 pen young.

DARK CORNISH:—Dartmoor Yards, 1-5 cock; 4-5 hen; 1 cockerel; 2 pullet.

SILVER CAMPINES:—Frank E. Herling, 3-5 cock; 2-3 hen; 1-3-4 cockerel; 1-2-5 pullet; 1 pen old; 1-2 pen young.

#### NEW MEMBERS OF A. P. A.

Since the last issue of AMERICAN POULTRY WORLD went to press, the following new members have been elected to membership in the American Poultry Association by action of the Executive Board.

PENNSYLVANIA:—Susquehanna Valley P. & P. S. Assn., Berwick; H. S. Gray, Pittsburgh; Joel H. Moyer, Reading; C. B. Wynkoop, St. Clair; Bernard Himes, Williamsport; G. Ed. Kline, Pottsville; Orsman J. Pregood, Pottsville; James W. Beck, Pottsville.

OHIO:—Chas. R. Spohr, Dayton; Dr. C. K. Hisey, Columbiana; Charles Hublitz, North Dover; T. E. Gensemer, Creston; S. H. Eswein, Columbus; A. S. Prentiss, Norwalk; Sandusky Co. P. & P. S. Assn., Fremont; Wm. J. Battles, Akron; Kenton P. & P. S. Assn., Kenton; L. T. Tomasek, Cleveland.

VERMONT:—G. C. McClure, Middletown Springs; C. E. Oakman, Castleton Corners; W. G. Freeman, Bellows Falls; Rev. A. C. Wilson, Bellows Falls; Phil C. St. Croix, Bellows Falls; G. D. Clark, Bellows Falls; A. C. Moore, Bellows Falls.

ILLINOIS:—Mattoon Fanciers' Assn., Mattoon; Albert Cooper, Decatur; Urbana P. & P. S. Assn., Urbana; Thos. Stallings, Granite City; Mrs. C. B. Baker, London Mills; W. J. Munde, Libertyville; C. W. Moeller, Quincy.

MISSISSIPPI:—Carrington Jones, Holly Springs; J. E. Clayton, Natchez; H. E. Montgomery, Meridian; B. B. Carmichael, Greenville; E. V. Troutman, Long Beach; J. A. May, Lombardy.

WISCONSIN:—Mineral Point Poultry Assn., Mineral Point; John Blanchard, Columbus; A. M. Ivey, West Salem; Badger Poultry Assn., Wittenberg; Rock River Valley Poultry Assn., Jefferson; Rev. W. B. Palaczky, Junction City.

MICHIGAN:—Berrien Co. Poultry Assn., Niles; Mrs. L. N. Adams, Coloma; H. A. Keister, Bangor; Lake Shore Ply. Assn., Saugatuck; Edw. J. Weipert, Ida.

NEW JERSEY:—North Jersey Poultry Assn., Newton; Walter Vanderbeek, Paterson; Robert More, Bridgeton.

CALIFORNIA:—E. M. Kinchloe, Madera; J. V. McConnell, Garden Grove; Carl Stark Bader, Pasadena.

ALABAMA:—So. East Ala. P. & P. S. Assn., Dothan; Mrs. Hugh Morrow, Birmingham; O. F. Dodson, Pinson.

OREGON:—Victor J. Micelli, Roseburg; Central Williamette Ply. Assn., Albany; Warren Gray, Jefferson; Donald S. Rabb, Springfield.

TEXAS:—F. F. Aschbacher, Victoria;

V. E. Goldman, Victoria; J. Fennell Dibrell, Seguin.

INDIANA:—Huntington P. & P. S. Assn., Huntington; Terre Haute Poultry Assn., Terre Haute; Paul J. Buchanan, Huntington; D. K. Vickrey, North Manchester.

OKLAHOMA:—P. R. Trees, Tulsa; W. R. Howard, Navina; Carl Leonard, Cherokee.

NEW YORK:—Curt W. Von Sallet, Baldwin; W. H. Lewers, Woodburg Falls; Sydney Y. Sullivan, New York; Fort Orange P. Kennel & P. S. Assn., Albany; Lee Folger, Batavia.

MONTANA:—A. M. Brandenburg, Bozeman; C. W. Conger, Dillen; W. F. Schoppe, Bozeman.

MISSOURI:—Jefferson City Poultry Assn., Jefferson City; Albert D. Long, Clarence; Tom Cochran, Orrick; Fritz Henning, Concordia; Dr. F. D. Rice, Lucerne; Mrs. W. G. Robinson, Bowling Green.

LOUISIANA:—P. M. Turnbull, New Orleans; J. C. Richards, New Orleans.

IOWA:—Peter Seivers, West Side; B. F. Morrow, Barnes City; W. H. Golly, Jr., Zeoring; Dr. Brubaker, Hubbard; E. C. Boniger, Davenport.

MASSACHUSETTS:—Frank L. An-

draws, Fall River; Elmer T. Benson, Whitman; S. B. Roy, Worcester.

SOUTH DAKOTA:—Mrs. C. D. Youel, Flandreau; McCook Co. Poultry Assn., Salem.

ONTARIO:—Niagara Falls P. & P. S. Assn., Niagara Falls.

BRITISH COLUMBIA:—John R. McMullen, Port Haney.

CONNECTICUT:—N. L. Deming, Litchfield.

WASHINGTON:—Jas. J. Edwards, Dayton; I. D. Casey, Watsburg; W. G. King, Everett; Skagit Co. Poultry Assn., Mt. Vernon.

KANSAS:—Mrs. Terry Junkins, Oswatimie.

FLORIDA:—R. B. Saunders, Pensacola.

SOUTH CAROLINA:—Sam B. Mitchell, Sumter.

TENNESSEE:—Elton C. Mahon, Norwood.

NEBRASKA:—C. A. Flippen, M. D., Grand Island.

DELAWARE:—Miss Mary J. Healy, Winterthur.

IDAHO:—Robert G. Bailey, Lewiston.

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COLORADO:—W. C. Loney, Breeley.

## EL-CO-VA FARM

### WHITE WYANDOTTES

A few cockerels from Buffalo, Albany and Youkers winners, \$3 to \$15. A limited number of hens and pullets, \$2 up.

### S. C. ANCONAS

Cockerels from Albany, Youkers and Poughkeepsie winners, \$2 to \$10. Good breeding cocks and hens cheap.

EL-CO-VA FARM,

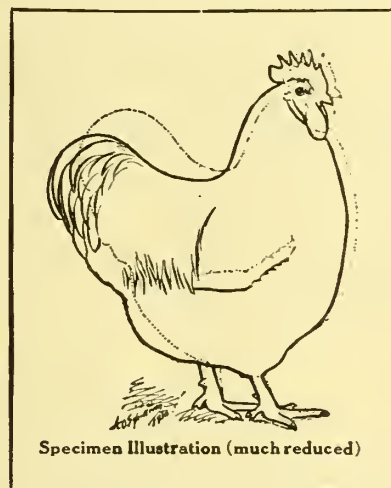
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VERBANK, N. Y.

## The ORPINGTONS

### BLACK, BUFF AND WHITE

A COMPLETE AND AUTHORITATIVE TEXT BOOK and Instructive Treatise devoted to the Orpington Fowl, the most popular breed in England and one of the leading favorites of Standard-bred poultry in America.



Specimen Illustration (much reduced)

This book (80 large pages and cover) tells how to select breeders and how to mate for best results. Care, feeding and management fully discussed.

Edited by J. H. DREVENSTEDT, Breeder and Judge of 25 years' experience and member of Standard Revision Committee 1898, 1905 and 1910

Fully Illustrated by F. L. Sewell, A. O. Schilling, I. W. Burgess and others.

#### CONTENTS:

- Chapter I—Orpington Origin.
- Chapter II—Orpington Type.
- Chapter III—Black Orpingtons.
- Chapter IV—Buff Orpingtons.
- Chapter V—White Orpingtons.
- Chapter VI—Non-Standard Varieties.
- Chapter VII—Orpingtons as Exhibition Fowl.
- Chapter VIII—What Breeders Say.
- Chapter IX—Orpingtons as Utility Fowl.

The most valuable feature of all. Text and Illustrations are based on the changes in the 1910 American Standard of Perfection.

Tells what changes were made, why they were made and how they will affect the mating and breeding problems that now confront the breeders of Orpingtons. Progressive breeders and exhibitors who wish to keep abreast of the times cannot afford to be without this book. Text supplemented by over sixty illustrations, by Sewell, Schilling and Burgess, a study in pictures that will prove valuable to breeders, bringing clearly before the eyes of all Orpington admirers in the minutest detail every point of value in the fowl. The book consists of 80 large pages, 8½x11½, is printed on first class paper and bound in a handsome cover.

PRICE, 75 CENTS, POSTPAID, or \$1.00 including a year's subscription to American Poultry World, or will be sent free for three annual subscriptions to American Poultry World at 50 cents each.

AMERICAN POULTRY PUBLISHING COMPANY.

BUFFALO, N. Y., U. S. A.



## TWELVE MONTHS LAYING IN MISSOURI

OVER TEN PER CENT. OF ALL LAYERS IN MISSOURI CONTEST IN TWO HUNDRED EGG CLASS. WHITE LEGHORNS SECURE FIRST HONORS WITH BUFF WYANDOTTES A CLOSE SECOND

BY O. WILSON

We Americans are surely a progressive people. Just as soon as we get somewhere with an ambition we find ourselves going beyond. Most of us believed when we got our hens to producing 200 eggs a year we would be content, but here, now, is the Oregon Station flaunting a record of over 300 eggs in our faces and it has about the same general effect that a red rag would have to a bull—we are going after it.

Without the facts at hand to substantiate our belief that these 300 and odd eggs were produced in one year from the time this world wonder commenced to lay, we can only call attention to the records made in the various egg laying contests in which the records were made within a specified year, and then raise the point that in the Missouri contest which closed on November 15th, over 10 per cent. of the layers entered were classed in the 200 egg division. Not a few of these would probably have a rattling good foothold upon the Oregon hen's record if they were permitted to enter the race when their first egg was produced and then be counted out at the close of a 365 day period.

The layers at Missouri showed to an even better advantage than Connecticut entries when the average per hen is figured, and made a gain of nearly ten in the average as against Connecticut's gain of three.

This gives the breeder of the general purpose fowl much cause to pat himself on the back for the preponderance of the entries at Missouri last year were in the general purpose class.

As predicted last month there was no real competitor for Lady Show You, record of 281 eggs in the first contest, and first honors went to a R. C. White Leghorn with 260 eggs, weighing but 2 3/4 lbs., at the close of the contest. She had produced within a given period over twelve times her body weight in eggs.

We predicted also that only one pen would enter the 200 egg class. This also shows true for first pen—honors went to the pen of English White Leghorns with a score of 2073, while Buff Wyandottes followed with 1884, and Silver Wyandottes with 1877.

These are good laying records for any ten hens that were chosen for an entry to a contest of this kind and reflects not only the good judgment of the breeder in the selection thereof, but speaks volumes for the thought and care that must have been bestowed upon his flock at home.

Compared to the Connecticut Contest at Storrs, the layers at Mountain Grove were either more nearly at a laying age at the beginning of the contest or better breeding had been followed, for the table of averages shows the advantage gained when 1st and 2nd year performances are considered:

MISSOURI		
	Average 1st Year	No. Hens Average 2d Year
S. C. W. Leghorns	143	30 173
Silver Wyandottes	160	30 172
Buff Wyandottes no entry	30 167	
Black Langshans	156	30 160
Black Minorcas	145	30 158
White Wyandottes	125	30 151
Anconas	139	30 149
Barred Rocks	126	30 148
R. C. W. Leghorns	127	30 146
S. C. Br. Leghorns	122	30 144
R. C. Reds	150	30 142
W. Orpingtons	150	30 140
Buff Rocks	120	30 139
S. C. Reds	156	30 139
Buff Orpingtons	147	30 134
White Rocks	118	30 132
Buff Leghorns	115	30 128
Black Orpingtons	155	30 128
Part. Rocks	124	30 110
Part. Wyandottes	99	30 110

Missouri gains in all but seven varieties.

Last year we called attention to the comparative merits of the so-called egg breeds as against the out-put of the general purpose types using the combined production of Storrs and Mountain Grove as a basis of average. This showed us that the Mediterranean made an average of nearly 146 while the American and English classes went to nearly 145.

CONNECTICUT		
	No. Hens Average 1st Year	No. Hens Average 2d Year
	150 161	215 161
	5 107	5 156
	5 169	10 136
	5 142	.. no entry
	20 125	5 145
	40 161	55 153
	5 142	5 128
	60 154	40 132
	.. no entry	.. no entry
	10 143	5 130
	15 155	25 137
	25 135	20 132
	.. no entry	5 146
	45 155	40 162
	20 155	10 141
	20 162	10 172
	15 145	15 150
	.. no entry	5 178
	5 120	.. no entry
	.. no entry	.. no entry

Connecticut loses in all but six varieties.

The aggregate of these classes for the contests just closed shows:

	Average	No. hens
General purpose	142	660
Egg types	153	435

These figures are largely open to a reverse for the year now in session for the Wyandottes and Plymouth Rocks at Thorndale are making a fancy start on the year's run and the eggs

they produce now will greatly offset the summer production of the Leghorns and their sister types.

In the feeding test our old standby—The Maine Method won, hands down, while the method that produced an increase in the Storrs average per hen winds up at the foot of the list. Pen No. 68, in which thirty varieties of feed was kept before the hens at all times, led the test for seven months and dripped to sixth place before the close.

New York landed second place in the test of feeds and it will in all probability prove of help to the beginner to note the composition of this system of feeding.

### MASH

Bran	30 lbs.
Cornmeal	60 lbs.
Middlings	60 lbs.
Beef scrap	50 lbs.
Alfalfa meal	10 lbs.
Oil meal	10 lbs.
Salt	1 lb.

### WINTER SCRATCH

Cracked corn	60 lbs.
Wheat	60 lbs.
Oats	30 lbs.
Buckwheat	30 lbs.

### SUMMER SCRATCH

Cracked corn	60 lbs.
Wheat	60 lbs.
Oats	30 lbs.

This is a very simple ration and is apparently one that could be adopted in any section for there is nothing on this bill of fare that is not in any common market and the average of 152.3 eggs which the pen produced would indicate that it would be worth a try-out.

Egg farms are supposed to be conducted for the purpose of producing the most eggs possible and it was only natural to expect the pen that was fed according to the system in vogue on a big eastern egg farm to be productive of unusual results, but the layers in this pen allowed but one pen to finish before them for last place.

Editors of papers who are opposed to these contests cannot but be cognizant of the fact that there must eventually be much good derived by the public demonstration of laying abilities that are shown by the records of these representative birds, for we all know what a difficult problem would be presented to the breeder who could go into his flock and pick his winning layers at a time when egg production had not yet started. His knowledge of the breeding back of them, taken from absolute records could be his only true guide and a daily visit to the trap-nest with careful and painstaking methods during the hatching season involves detail to the extreme, but it is the infinite capacity for taking pains with the hens and their offspring that has made these contest records possible and it is the know-how-and-do-it man that wins.

Keep an eye on the breeding males and see that they are always in good condition. It is often necessary to place the male in a separate pen daily and give him a good square meal.



# LOCAL ASSOCIATIONS

Conducted by William C. Denny

## THE 14TH ANNUAL SHOW

The 14th annual exhibition of the Fanciers' Association of Indianapolis, Ind., will be held at Indianapolis, February 2 to 7th, 1914. Several specialty clubs including both the National Banded and White Rock Clubs will hold their annual meetings at this show and nearly \$300 in cash is offered on Banded Rocks alone. More cash, silver cups, better premiums and specials are offered this year than ever before and all prizes will be paid before the close of the show. This association has the support of some of the best known breeders and business men in the country including U. R. Fishel, Hope, Ind., C. R. Milhouse, Indianapolis, Ind., A. L. Weckler, Bunkerhill, Ind., A. B. Carter, Carmel, Ind., C. L. Buschmann, Indianapolis, Ind., Hon. Thos. Taggart, Indianapolis, Ind., and many others.

The membership numbers 125 and each one is working to make this one of the greatest shows ever held in the middle west. The judges selected are among the best known in the country and have been selected for their ability to handle classes to which they have been assigned. Readers desiring further information should write at once to C. R. Milhouse, Secretary, 1205 Churchman Ave., Indianapolis, Ind.

## WASHINGTON HEIGHTS FANCIERS' ASSOCIATION

The next exhibition of the Washington Heights Fanciers' Association will be held at Valentine's Hall, Washington Heights, Chicago, Ill., January 21 to 24, 1914. The entry fees on poultry are 50 cents per bird, pens \$1.00 additional. Pigeons 35 cents. Judging will be done by Frank Heck and Wm. Plaehn. The secretary is Wm. J. Zuttermeister, 10106 Prospect Ave., Washington Heights, Chicago, Ill.

## GREATER BUFFALO SHOW FOR 1914.

The Greater Buffalo Show of 1913 was one of the most successful poultry

exhibitions ever held in the Queen City. It was conceded to be the most beautiful show in arrangement of cages and decorations.

The management take pleasure in announcing that new and even more attractive features will be added to the Greater Buffalo Show of 1914, which will be held in the Broadway Auditorium November 23rd to 29th, 1914.

As many sales were made at the great 1913 show, exhibitors who were present, will return in 1914.

Breeders, who intend exhibiting at the Greater Buffalo Show in 1914, should send their names and addresses to J. H. Drevenstedt, Sec'y., 506 Electric Bldg., Buffalo, N. Y., so that they may receive full printed particulars of the great event from time to time.

## NIAGARA FRONTIER POULTRY SHOW, NIAGARA FALLS, ONT.

The prize-list of this progressive association shows a most attractive list of cash prizes and specials and backed up with a hall large enough to take care of a very large entry, and the officers are ready to give all exhibitors who send their birds the most satisfactory results. Customs arrangements have been made for American entries so that exhibitors will experience no inconvenience and the express companies are pledged to give the entries first consideration over everything else.

Judges of national reputation will place the awards and a square deal can be looked for in all classes.

Niagara Falls is naturally placed where one of the very best shows can be held as it offers a chance to send along a few birds and go and enjoy the falls and surroundings.

The Olympia Rink has been secured for the week beginning Jan. 27th, and it affords a building well heated and lighted with meeting rooms and possibilities for considerable good display.

Everyone who can possibly make this show should have a prize-list, which can

be had by merely addressing a card to E. L. Wallace, Niagara Falls, Ont.

## HAMILTON, OHIO, SHOW

We are in receipt of a communication from J. E. Humbach, Secretary of the Hamilton Poultry & Pet Stock Association, advising that the exhibition held during Thanksgiving week was one of the most successful in the history of that organization. Besides the liberal regular and special cash premiums offered, over 100 silver cups were awarded, in fact this show has gained the title of The Silver Cup Show, having awarded over 100 cups at each show for the last three years. This year's show brought out better quality than previous exhibitions and competition was unusually keen, especially in the popular varieties. The Hamilton Show has become a prominent feature in the Buckeye State and exhibitors who have not attended this event should plan to enter for competition next season.

## MUNCIE INDIANA SHOW

The Muncie Poultry and Pet Stock Association will hold its annual exhibition at Muncie, Ind., Jan. 26-31, 1914. E. M. Quay, judge. The Muncie Show is one of the largest and best in Indiana. Handsome silver cups will be given the best pens of all principal breeds. One large sweepstake cup for best pen in show room. Send for premium list to Ray M. Allen, Secretary, Muncie, Ind.

## BURLINGTON POULTRY ASSOCIATION

The Burlington Poultry Association will hold its annual show the week of February 3rd to 7th inclusive, with Judges W. S. Russell and F. E. Harrison to place the awards by score card system. Ed Marquardt has again been chosen Superintendent, and will have charge of all birds at the show.

Entries are to close January 31st at midnight, (12:00 P. M.) Cash premiums and cups will be offered on almost all varieties of poultry, turkeys, ducks, geese and pigeons. Newton M. Derby, Secretary.

## THE POULTRY EXHIBITION OF PITTSBURGH

According to all indications, The Great Exhibition Show of Pittsburgh, January 19-24, 1914, will be one of the greatest shows of the year. Exposition Hall, where the show is to be caged, is one of the largest and best lighted halls in the country. It has forty thousand square feet of floor space on the ground floor. Seven of the lead-

# Halbach's White Plymouth Rocks

Never in the history of Poultry Exhibitions has any strain made such wonderful wins. They hold the record by winning Best Display at Chicago five times. At the

## Great Mid-West Coliseum Show, Chicago

AMERICA'S GREATEST EXHIBITION

in a class of 140 White Rocks—the best ever got together they made the marvelous winning of

1-2-3-4 Cock (four entered)

1-2-3-4 Cockerel (four entered)

1-2-3 Old Pen (three entered)

1-2-3-4 Hen (four entered)

1-2-4 Pullet (four entered)

1-2-3 Young Pen (three entered)

This is the most astonishing win but not as astonishing as the undreamed of quality of the birds that made the winning. It was a revelation in perfection of type, pureness of plumage and was the wonderment of all who know what quality is.

Any stock you desire to get for sale. Hundreds to select from. Write me plainly just what you want or how much you desire to invest and I will give you description.

Book your order for eggs from my best of all matings at \$15.00 per setting. None as good. Range flock eggs at \$10.00 per 100. Order early. Catalogue 10 cents. Mating list free.

H. W. HALBACH,

Box 3,

WATERFORD, WISC.





ing Specialty Clubs have already selected this show for their annual meeting and when the show opens on the morning of January 19th with its beautiful decorations, you will see one of the greatest poultry exhibitions ever held in Pittsburgh. The Exposition Show has gained a reputation second to none in the country as a business show and many large sales are reported here annually. Breeders who desire to get in touch with purchasers who want the best and have the "where-with-all" to pay for what they get should not fail to make an entry at the Pittsburgh Exposition Show. Remember the dates, January 19-24, 1914, and write W. P. Craig, Secretary, 303 Empire Bldg., Pittsburgh, Pa., for premium list and other information.

#### OKLAHOMA CITY GOLD SPECIAL SHOW

The Oklahoma City Poultry Fanciers wish to announce to the Poultry Fraternity that they have just completed all arrangements for what they think will be the greatest show ever held in the Southwest. Of course we realize that our last year show was a great one as do also those breeders who exhibited with us, judging from the good reports they have spread about it. Nevertheless we are prepared to offer this year, three times as much as we did last in the way of special premiums and have decided to call ours the Oklahoma City Gold Show. Besides some very handsome silver cups and large regular premiums, we will offer between three and four hundred dollars in gold as specials and have so arranged them, that every breeder has a chance at over seventy-five dollars in addition to his regular prize money. We have also decided to offer ten dollars first and five dollars second for the best and next best bird in the show exhibited by a breeder showing for the first time, and ten dollars to the breeder shipping the greatest distance to the show.

We would like to list all of our gold specials here, but would rather you would drop a card for our premium list, which will be mailed you for the asking. Judges McCracken and Southard will pass on the birds by the comparison system. All birds will be cooped free in Empire coops loaned our association by the Oklahoma State Fair, and remember that the Oklahoma City shows have always paid their premiums. Don't forget, Oklahoma City show, third week in January, (January 19th to 24th, 1914). For any information or premium list, address, Geo. C. Winans, Secy., 28 N. Robinson St., Oklahoma City, Okla.

#### MAINE STATE POULTRY ASSOCIATION OBLIGED TO ABANDON THEIR ANNUAL SHOW

It is with much regret that the officers of the Maine State Poultry Association announce to the poultrymen that they will be obliged to abandon their annual show for the present, as there is no suitable building in Maine available for the accommodation of a show of that size.

Every possible effort has been made to obtain the Portland Auditorium, but the officers of the National Guards who now control the use of that building positively refuse to cancel their drills for one week to enable the poultrymen to show there.

The discontinuing of the annual show means a serious injury to the poultry industry of Maine, and it is the sincere hope of every poultry breeder that there will be a building erected somewhere in Maine in the near future suitable for a large exhibit. A. L. Merrill, Secretary.

#### "OCULUM"

The Hancock Inoculum Co., Salem, W. Va., have a novel way of demonstrating the merits of "Oculum". They buy sick turkeys, ducks and chickens and cure them with "Oculum" and resell them. They claim that Oculum will

cure cholera, roup, white diarrhoea, canker, blackhead, gapes, sorehead and leg weakness. In their ad on page 232 of this issue they offer to send for a dime, their 50c or \$1.00 bottle to anyone on trial. Better send for a bottle today and if it does not do as recommended when directions are followed, it costs you nothing.

#### KENTUCKO POULTRY WARE

Attention is directed to the advertising of the Kentucky Stamping Co., 111 N. 15th St., Louisville, Ky., on page 183 of this issue. This firm manufactures a variety of styles and sizes of drinking fountains and feed hoppers and are prepared to quote attractive prices on any of their ware. Up-to-date poultrymen realise that to be successful they must have sanitary drinking fountains and feeding hoppers and as the Kentucky Poultry Ware is made entirely of metal and so arranged that they can be taken apart and cleaned almost instantly, there is no doubt as to their efficiency as far as cleanliness is concerned. To introduce their goods they are giving away a drinking fountain and all poultry raisers should look up their advertising and write for catalogue today.

If you contemplate buying an incubator this season, better send for the different catalogues at once. Don't wait until you are ready to purchase, but study the catalogues of the different manufacturers. It will not only help you in arriving at a decision but will give you much valuable information in regard to poultry keeping as well.

**WANTED** guaranteed three day old eggs for high class New York Market. Price \$11.50 and express. Higher or lower according to market.

**FOR SALE** Bronze Turkeys, spring hatched, prices from \$3.00 to \$7.00.

**SPRINGSIDE FARMS, 105 West 40th St., Tel. 7139 Bryant NEW YORK**

#### White Wyandottes

Send for our Shower Sale List, it contains many bargains that will interest you.

**J. C. FISHEL & SON,**

**Box W,**

**HOPE, IND.**

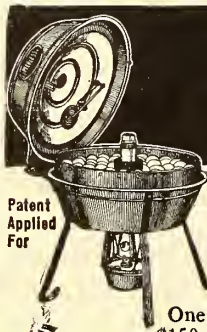
#### POLEY BUFF ROCKS

300 Breeders at reduced prices for sale. Get catalogue and price list of same.

**JOHN W. POLEY,**

**Box W,**

**LINFIELD, PA.**



Patent Applied For

#### NEW—NEW—NEW— SHEER'S Latest Production

**FRIEND** Poultryman, this incubator gives results. No other incubator you have ever seen has the design and features of this. No other incubator you have ever used has given the high percentage hatches day in and day out this is giving. Its marvelous price is just \$6, delivered to you.

More than 11,000 ordered before one line of advertising appeared.

One poultryman, after test, ordered 50. One man, inexperienced, cleared \$150 with one little hatcher in 5 months. Results — that's the answer.

This is the first practical all metal, fireproof, everlasting machine ever produced. The first machine of its size with a perfect heating and heat distributing system.

#### Peerless-60

Round Like a Nest. Eggs heated from above with the patented triple wall heat radiator. All heat is used. Regulation of heat, ventilation and moisture is all automatic. Equipped throughout with the famous Sheer fixtures. Wonderful Sheer Wafer Thermostat Regulator automatically turns lamp flame up and down to meet temperature in egg chamber. Overheating impossible. Uses less oil than any other incubator on earth per dozen eggs. I am ready to prove these facts.

#### Let Me Send You a Sample Incubator

Let me send you one of these machines so you can see for yourself, upon the absolute guarantee of results or your money back. This is a fair, square offer. It means money in your pocket. Write me today.

**H. M. SHEER,**

**Dept. 8**

**Quincy, Illinois**

**\$6 DELIVERED**

**I. W. BEAN STRAIN**  
**ROSE AND SINGLE COMB RHODE ISLAND REDS**  
Fine exhibition and breeding stock and eggs from best pens for sale. Address  
Marvel Poultry Farm, Jones & Thayer, Props., Randolph, Mass.

#### BLACK MINORCAS

Special sale of 200 Grand Breeders at Bargain Prices. Send now for Free Sale List.  
**Harold W. Gould, Lake Grove, N. Y.**

#### THEY COME BACK

As leaders of their class at the **Second International Egg-Laying Contest** at Storrs, Conn.

#### S. C. Buff Orpingtons

owned by us are the only Orpingtons, **any variety**, to win monthly prizes over **all breeds** and the only Orpingtons to lead their class in **both contests**. Get a setting of eggs from **certified layers**. One cockerel from these eggs will mean renewed vigor for your flock and the increased egg supply will pay for the trouble of raising him. **A good hatch guaranteed.**

#### Cherry Lane Farm Company,

**O. WILSON, Mgr.,**

**OAK HILL, W. VA.**



# EVERYBODY'S COLUMN

Editor American Poultry World:

You ask your readers to give their experience in the poultry business so I will send in mine.

When I left the road after twenty years selling goods and returned to the "old home," I decided I would try to raise some chickens. I found a man who had some Barred Rocks, so on November 10th I bought 12 hens from him. I brought these hens home, put them in a good warm house and let them have the run of the whole place, except the garden. Ten days after I got these hens I got one egg, the next day two and then all of them commenced to lay and several days I would get 11 eggs. They kept at it all winter and spring and it was well on into June before any one of them showed any signs of broodiness. I fed these hens regularly twice a day on corn, wheat and oats. Adjoining their house I had a "patch" of German clover and how they did go for that clover and I am quite sure it made them lay as they did. I claim it is up to the man or woman to look after one's hens and treat them right, and they will repay you in eggs.

The man I got my hens from did not get one egg until March and he had about thirty hens, showing where care and attention counts with chickens, as well as any other business.

After I got these hens I subscribed to two or three good poultry papers and began to study up. I very soon found out that there was a very great difference in my Rocks and those advertised in the poultry press, so in the spring I got some good eggs and had to start fresh and I am very glad I subscribed to these papers, as they have been of untold benefit to me, both from a business point of view and from a fancier's standpoint, as I was not satisfied until I got to exhibiting and brought home a few ribbons.

In regard to feed, I give my flock wheat, corn and oats and all the green food they want. I occasionally buy a calf's head from our butcher for 5 cents and put it in a big iron pot and boil until it all comes to pieces, then I pick out the bones, macerate the meat into shreds and mix up a mixture of ground corn, oats and bran and make a crumbly mash for the flock and it seems to set them wild the way they go for it. For my young chicks, I feed them the first meal at about 60 hours old, grit first, then good commercial chick food; after they are two weeks old, I give them the very best wheat I can get and sour milk and it makes them grow like weeds.

I set my hens in a house 10 x 14, I have a little trough I made with partitions, holding corn, wheat, oats, grit

and oyster shells; they come off when they please, feed, take a drink and a dust bath and back to the nest. I have little trouble with my setting hens. I use for nests a square box, no bottom. I scratch a round hole in the dirt floor, put in the nest and eggs and the hen does the rest. I go in every day and see if any eggs are broken, if there are any I wash off the other eggs with a rag and warm water. I use incubators and brooders but prefer hens to raise the chicks and try to manage to get hens enough to give the incubator chicks to. I give each hen after the weather is warm about 20 chicks.

My brood coops are made out of dry goods boxes about 20 inches square, no bottom. I fill in with earth, turn

Johnston's Imperial  
Barred Plymouth Rocks and S. C. Rhode Island Reds  
We guarantee a square deal to all. Eggs or stock.  
Mrs. Boyd Johnston, Rupert, Pa. Boyd Johnston  
S. C. R.I. Reds Barred Plymouth Rocks

**FOR SALE — PRIZE WINNERS**

Solid Buff Rock Cocks and Cockerels, even golden color, low combs. Quality for twenty years unsurpassed. Stock and eggs reasonable.

**EDGEWOOD FARM, Ballston Lake, N. Y.**

**SINGLE COMB REDS**

Exhibition and Utility  
Eggs reduced to half price. Breeders for sale.  
Write for Catalog and Prices.

**J. H. CROSSLEY & SON, Box 177, MAGNOLIA, N. J.**

**BRUBAKER'S S. C. W. LEGHORNS**

Yearlings, hens and cocks at greatly reduced prices.

Write for prices of stock and mating list.

**E. E. Brubaker, Box D, BIRD-IN-HAND, PA.**

**HOWLAND'S BUFF WYANDOTTES**

Win at Madison Square Garden, 1911-12-13. Eggs from 4 choicest pens \$5.00 per 15 eggs. Satisfaction guaranteed

**STUART A. HOWLAND, GRANVILLE, N. Y.**

**S. C. WHITE ORPINGTONS**

Kellerstrass and Owens Strain

Cockerels - Pullets and Hens For Sale at

\$2.00 - \$3.00 - \$5.00 each.

**JAMES T. COX, 287 Fair St., PATTERSON, N. J.**

## WHITE WYANDOTTES

Kind that always win—10 Exhibition Cocks that win—at half price to make room—500 youngster  
**CORNELIUS A. KIEVIT, York Ave. and Keen St., PATTERSON, N. J.**



## Tompkins Rhode Island Reds

### Why They Win Year After Year

**T**HIS strain of mine was started in little old Rhode Island by my father over 40 years ago. He was among the first to do consecutive selective breeding of Rhode Island Reds, and was just hard headed enough to keep to his own picked stock and breed straight down the line.

I have followed in his ways. Tompkins Reds are Tompkins Reds. They are not birds of mixed strains.

I have never aimed to reach that point of success where Tompkins would just "oversee his business" and not give personal attention to those hundred and one things that are so vital in keeping up a strain standard. As a result I know practically every bird in my flock.

They are graded as Utility Birds, Near Silks, Top Notchers and Special Top Notchers. Their grade names tell you just where they belong.



Prize Pullet at 1912 Madison Square Show

Year after year my birds have walked away with coveted prizes. You who know Rhode Island Reds, know that.

Every year, before the big shows, I am approached by some of the leading Red men to sell out my string to them. They know full well that Tompkins birds like his word, can be absolutely depended on.

Although I am never so rash as to guarantee my birds will win—still it is a well known fact that the Tompkins Strain walks away with the good things at the shows. Come to Concord and see my flock. Pick out just the birds you want.

Let me send you a list of our winnings. My new catalog is on the press. Send in your name and secure one of the first copies.

I have some specially choice selected pens this year ranging from \$15 up to \$150.

My Near Silks come pretty close to being All Silk. Let us price some to you.



**LESTER TOMPKINS**



**Tompkins' Rhode Island Reds**

CONCORD, MASS.

For complete and detailed reports of the Rhode Island Red Classes at the Great Chicago Coliseum Show, as well as Buffalo, St. Louis and other National Shows, get a copy of the

**JANUARY RHODE ISLAND RED JOURNAL**

Price 5 cents, or send 25 cents for a full year's subscription—12 numbers.

**RHODE ISLAND RED JOURNAL,**

4025 S. Harmon St., WAVERLY, IOWA



up and clean every day. For top I take a six inch plank, cut from one corner to the other and take a third plank for front of roof, nail on sheeting and cover with some good roofing paper and put in screw hooks and eyes to keep the wind from blowing it off, so I can turn roof and body up to get the sun every clear day. I built a 60 foot hen house open down to three feet of the ground, this boarded up. East, west and north sides boarded up tight. I spaded up the ground, filled in with coal cinders, then put on top of cinders clay and bought lime and covered the clay with it, dampened the lime and then tamped it good and hard and it is so hard that there is no hen that has scratched a hole in it. I have a quantity of elegant sandy loam and I fill in these houses every two years, about 6 inches deep, with this sandy loam, consequently my hen houses are as dry as a bone. I have cart loads of leaves and at the foot of my 100 feet runs, I put in leaves for scratching material. There are very few days down here in winter that our chickens can not run out.

My perches are three carpenter horses or trusses 18 inches high and on top of these I have my three perches, 14 feet long to each house. I like these as I can take them out in a minute. I prefer the dirt floor, it is easy to clean, no draughts, no lice or mites or rats.

My nests for eggs are orange boxes which the merchants are glad to get rid of. I use the hay they pack bananas in for nest. When I put in new nest, I pick up the box, take it out into the run, set the old nesting material on fire, let it get good and hot, turn it upside down and such a dense hot smoke comes forth that if there is a louse or a mite in these it is all over with it. If a box should catch fire, there is no loss, but I have never burned up one except I wanted to get rid of it.

I feed as near daybreak as I can, as I never like to keep my flock waiting for me. In summer at 6 P. M., winter 4:30 P. M.

I have of course lost some hens but very few. My medicine chest consists of a good sharp hatchet, a quart bottle of water into which I put an ounce of pomanganate of potash, a jar of carbonated vaseline, and lately I have added, from reading the A. P. W., a bottle of Roupene. If a hen gets really sick, I cut her tail off close behind her ears, as they are no account for breeding if they get well and they are hardly worth a busy man's time fooling with them. If a rainy spell comes up I put in a dose of the pomanganate in the drinking water. I had some sneezing this fall, in fact there was a lot of it around. I believe it was from the pollen from the rag weed. I saw Roupene spoken of so highly in the A. P. W. that I sent and got a bottle. It is a dandy.

For lice I use carbolineum. Have never seen one since I commenced the use of it. I also saw this advertised in the A. P. W. My place has never had a case, of gaps. Now I would like to know why? My neighbors all have it in their flocks every year. We have been on this place for 43 years and most of the time we have had fowls. One thing certain the earth worm will not give it to chicks, as I give my brooder chicks handfuls of them. I give my brooder chicks, if I see any signs of white diarrhoea, turnip leaves which are splendid.

I do all my own work, make all of my fixtures such as hoppers, hovers, troughs, etc. I raised about 200 young chicks this year with a very small loss, have not missed a day with out getting an egg or more. I can not tell about percentage of eggs as I am in business to sell and am selling off and on all the time, but I can tell just how many eggs I have gotten each day for the past four years and I am sorry I did not keep an accurate account for the eight years I have been breeding Barred Rocks.

I subscribed to AMERICAN POULTRY WORLD before the first number went to press and I have a complete file of it, the whole four volumes, and I consider them a very valuable asset as I often get down a volume to look up something.

Parkin Scott, Virginia.

\*\*\* A dollar saved is a dollar earned.  
Earn a dollar by sending your order  
for magazines to us \*\*\*

#### SHEER'S LATEST PRODUCTION

H. M. Sheer, Dept. 8, Quincy, Ill., well known to readers of this paper as the manufacturer of various poultry appliances, announces his latest production, the New Peerless 60 Egg Incubator which sells at \$6.00. This machine is made entirely of metal and is round like a hen's nest. Mr. Sheer has so much confidence in the machine that he is willing to send one on trial, and allow you to demonstrate its value to your own satisfaction, that is he guarantees results or your money back. Better drop him a card today and learn more in regard to this new machine.

Whitney & McEwan, breeders of  
"LORDS BUFF WYANDOTTES"  
EGGS from the same matings as we use for ourselves \$5 and  
\$10 per setting. Send for mating list and winnings  
at the Big Albany, 1913, Show.  
WHITNEY & McEWAN, ALBANY, N. Y.

PARTRIDGE ROCKS  
ALSO COLUMBIAN, SILVER Pencil and Barred of high-class. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Box W, Charlotte, Mich.

#### HOUDANS WORTH WHILE

I have for sale a number of early batched birds which I will guarantee to win for you, also have a number of utility birds for sale. Write me your wants.  
DR. G. G. BILLMAN, 21½ S. Main St., SULLIVAN, IND.

FAIRFIELD BUFF ORPINGTONS  
Send for my illustrated catalogue before you buy stock of any variety. I can start you with the best strain. Find out the reasons at my expense.  
Fairfield Farms, Box B, Fayetteville, N. Y.  
A. S. White, Prop.

#### KEELER'S WHITE WYANDOTTES

##### The World's Greatest Strain

Bargain prices on breeders during July and August. Special Sales List describing these Bargains. It's Free.

Chas. V. Keeler, R. F. D. No. 17, Winamac, Ind.

#### HILLHURST FARM COLUMBIAN WYANDOTTES

A very choice lot of hens and pullets for sale at right prices. Our birds have size and shape with neck and tail markings hard to equal. Address

J. B. CASTERLINE, Mgr.,

ORCHARD PARK, N. Y.

#### Single Comb White Orpingtons Owen Strain

At Connecticut Fair, Hartford, 1913, on four entries, 1-2 Prize Cockerels, 1-2 Prize Pullets, Stock and Eggs For Sale.

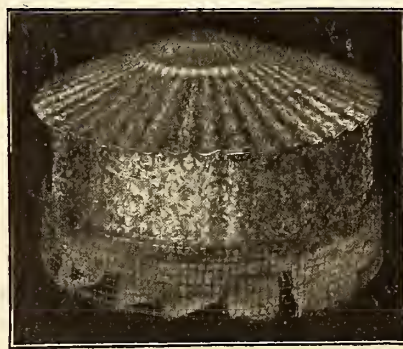
WILLIAM NOBLE, JR., Breeder,

NAUGATUCK, CONN

C. & V.  
ELMWOOD  
POULTRY FARM  
214 May Avenue  
SYRACUSE, N. Y.

"To The Plain Poultry Man or Woman"  
SINGLE COMB  
R. I. REDS  
A SPECIALTY

If you wish a Pen of our Prize winning strain of Single Comb Rhode Island Reds, send us ten dollars (\$10.00) and we will ship them to you while they last upon approval, if not satisfactory return them, and your money back at once. Four pullets and one cockerel, March and April hatched. We know we have the best Strain, we wish you to have some of them. "Write quick."



#### Before Buying Brooders

Investigate the merits of the only Natural Feather Brooder. Raise your chicks under real natural conditions. Nature intended chicks to be raised with the aid of body heat distributed by feathers. No artificial heat can produce the desired effect. Raise more strong healthy chicks this season with

#### SIMPLEX PERFECTION Feather Brooders and Hovers

WEATHER AND RAT PROOF

Prices \$4 to \$10. Sizes 50 to 150 chick.

Complete catalog of Feather Brooders, Simplicity Kant-Klog Feeders and other poultry appliances will be sent on request for book No. 100.

Simplex Supply House, Pontiac Bldg., Chicago, Ill.

## Bargains In S. C. White Leghorns

OVERLOOK POULTRY FARM,

E. C. LANDERS, Proprietor,

Any quantity of HENS, COCKERELS and PULLETS for sale at ridiculously low prices. All our stock is the finest obtainable and everything is guaranteed. Bred direct from cream of the famous Pine Top strain. Here is a chance to buy some of THE WORLD'S BEST at a great saving. For honest treatment and a square deal, write, call or phone to

WHITNEY POINT, N. Y.



# POULTRY WORLD AFFAIRS

Over 6,000,000 baby chicks are hatched each season in the Petaluma (California) district.

I. K. Felch, the veteran fancier of Natick, Mass., will be eighty years old on January 17th, 1914.

The Poultry Fancier published in the past at Sellersville, Pa., in the future will be issued from Hanover, Pa., to which place the plant was recently moved.

The Panama-Pacific Exposition Company has appropriated \$12,500 to be distributed in premiums at the poultry exhibition to be held in connection with the Exposition in 1915.

A hen bred and owned by the Oregon Agricultural College, Corvallis, Ore., has just broken all official records for individual egg production by laying 303 eggs in 365 consecutive days.

Early in December a flock of over 1800 turkeys were driven from Ezzel to Hallettsville, Texas, a distance of twelve miles in two days. Drives of this kind are not uncommon in the "Lone Star" State as the majority of live turkeys marketed are brought in in this way.

The Pittsfield Poultry Farm Company have recently installed at their new 150 acre plant, Holliston, Mass., five 16,500 egg capacity Hall Mammoth Incubators, giving them a hatching capacity of 82,500 eggs at one time at this plant.

The five day laying contest conducted by the "Greater Buffalo Poultry Show" Thanksgiving week was won by a pen of 5 S. C. Rhode Island Reds with 21 eggs to their credit. A pen of S. C. White Leghorns were second with 19 eggs.

From the Wairarapa (N. Z.) Age of October 9th, we learn that six pens of White Leghorn pullets consigned to the Missouri State Poultry Experiment Station, Mountain Grove, Mo., would leave the following day on board the steamer Tahiti. These birds are to be contestants in the third annual egg laying contest conducted at Mountain Grove, Mo., and from rec-

ords made in like contests in far off New Zealand, it appears that our own biddies will have to do their level best to carry off the honors. One point that must be taken into consideration and also must be considered as a handicap to these visitors is the fact that they have just passed through the New Zealand winter and will arrive in this country just in time to start the experience all over again. Two winters in one year is hardly fair to a pen of birds expected to do their best as egg producers.

It is stated that over \$100,000 worth of poultry said to be unfit for food was destroyed in New York City by the Board of Health around Thanksgiving time. This is but little, 'tis said, when compared to the quantities dealers refused on their own initiative.

Careless packing was responsible for this wholesale waste.

English White Leghorns owned by Tom Barron, Catforth, Eng., were winners in both the Connecticut and Missouri Egg Laying Contests. Although existing individual egg records were not broken, the general average per hen was increased in both instances.

A poultry fattening establishment will be operated at Lawrence, Kans., by the Lawrence Creamery Co. who will utilize by-products of the creameries which will be fed to the poultry for ten days. This is a side line that should be looked into by all creamery interests.

Friends of A. E. Martz, the Buff Orpington Specialist of Arcadia, Ind., are now addressing him as Grandpa, as the third generation of the Martz family is now a concrete fact, a new arrival at the home of Mr. Martz's

## MAMMOTH BRONZE TURKEYS

My Turkeys made a record at the Greater Buffalo and Flower City, Rochester, Show—Buffalo, 1-2 cockerel, 1-2 pullet, 2-3 hen, 2-3 cock. Rochester, 1-3 cock, 1-3-4-5 hen, 1-2-4 cockerel, 1-2-4 pullet. Grand young stock now ready for delivery at moderate prices. Put quality in your flock by securing a Barlow Tom. Also high class Columbian Wyandottes and S. C. Buff Leghorns. Write your wants to

A. G. BARLOW,  
COUNTY LINE POULTRY FARM, Box W, MEDINA, N. Y.

## LOCAL AGENTS WANTED

Local Agents are wanted at once by us to sell our complete line of Incubators, Brooders, Hovers, Foods, Insecticides, Metal Goods and General Poultry Supplies.

Liberal Cash Discounts Allowed—No Capital Required. Some of our Local Agents make \$200 to \$350 in the Three Spring Months and devote only their spare time to the work. For full particulars, address our place of business nearest you.

CYPHERS INCUBATOR COMPANY, Factory and Home Office, Buffalo, N. Y.

Branch Houses: New York, N. Y. Boston, Mass. Chicago, Ill. Kansas City, Mo. Oakland, Calif.  
41 Barclay St. 12 Canal St. 329 Plymouth Court 317 Southwest Blvd. 2127 Broadway

## The Simplicity Kant-Klog Cannot Clog

Simplicity Kant-Klog Poultry Feeders will feed your chickens better than you can by hand feeding. They absolutely put an end to your feeding troubles. You can go away at any time and rest assured that your chickens will be properly fed. The comfort alone is worth the money, and the saving in grain and the increase in egg production will more than pay for the feeders in ninety days. They feed anything from whole corn to millet seed, save labor, feed and time. Sparrow and rat proof, perfectly adjustable, cannot clog, never fail to work, scatter feed perfectly and work from every direction.

### Note These Low Prices

Baby Chick, 1-quart. .... \$1.25  
Medium 10-quart. .... 2.50  
Leader 20-quart. .... 3.00

Special prices on quantities. Send for catalogue of Feeders, Feather Brooders and Poultry Appliances.

SIMPLEX SUPPLY HOUSE  
Pontiac Bldg. Chicago, Ill.

Money  
Back If  
Not  
Satisfied



Insist On  
This  
Trade-  
mark

It  
Protects  
Your  
Chicks



## Monmouth Farms Buff Leghorns Win at the Palace Show, New York

On 5 entries of our S. C. Buff Leghorns in the recent Palace Show, New York, we won—First and Fourth Cockerel, First Pullet, Third Hen and Nine Specials. These recent winnings with our record at Madison Square Garden for the past five years—winning first prize pen each year—and our record at Philadelphia, Boston, Atlanta and Hagerstown makes Monmouth Buff Leghorns unsurpassed. Monmouth White Leghorns are of the same high standard—awarded prize for champion Cock of the Show—and 20 other prizes on entries at Atlanta in 1912. Many other winnings in hot competition.

MONMOUTH FARMS, J. C. Punderford, Owner,

Don't waste time and money on stock you know but little about when you can obtain Monmouth White or Buff Leghorns at the following reasonable prices: S. C. White Leghorns—Yearling hens \$1.75 each; in hundred lots, \$1.50 each. 2-year old hens \$1.50 each; in hundred lots, \$1.25 each. S. C. Buff Leghorns—One and two year old hens, \$1.75 to \$2.50 each. Choice male breeders, both varieties, from \$5.00 up, according to quality. Send your name for beautiful 1914 catalog (with colored insert) which will be issued about February 1st.

"The Twentieth Century Dual Purpose Fowl"  
Thos. Lockwood, Supt., Box 82, FRENEAU, N. J.



son, Fred Martz, having been christened Albert Elmer, Jr.

Horace Vose, Westerly, R. I., who gained public notice through the fact that he has supplied Thanksgiving turkey each year to the White House since General Grant's occupancy of the presidential chair, died at his home on December 20th, at the age of 73 years.

The Housewives' League of Buffalo, N. Y., on Saturday, December 20th, sold 300 dozen eggs at 33c per dozen, while the regular quotations were 38 to 50 cents per dozen. All eggs were guaranteed of good quality, the League agreeing to return the full purchase price in case one bad egg was found.

Friends of Geo. W. Tracey, Kinderhook, N. Y., well known as a breeder of Rhode Island Reds and more recently as a field representative of a prominent poultry publication, will be gratified to learn that he has just received the appointment of Postmaster at his home city.

#### BUFF WYANDOTTES MAKE RECORD

A glance at the catalogue of the Cleveland show discloses the fact that there was something doing in the Buff Wyandotte alley and we are advised by those who were present that the Buff Wyandotte classes at this show were among the best ever brought together, due no doubt to the fact that it was the Ohio State meet of the Buff Wyandotte Club.

The exhibit that attracted great amount of attention was that made by the Rocky Run Farms, Northfield, Ohio. Their Buff Wyandottes are known as the Evergold Strain and they have a long list of winnings to their credit, but one of their greatest achievements was at the above mentioned show, where they won 1-3-4-5 cockerel, 1-3-4-6 pullet, 1-2-4-5 hen, 3-5 cock, 4 pen and best display.

The Buff Wyandottes are a very deserving variety, having everything to be desired by the dyed-in-the-wool fancier and also utility qualities that should satisfy the most discriminating breeders.

The Evergold Strain is described in their beautiful illustrated catalogue, entitled "How To Feed and Breed Buff Wyandottes". This book cost hundreds of dollars to publish and will be sent to any reader of this publication who will send 20c in stamps to pay the cost of postage and packing, if you address Rocky Run Farms, Gerald Williams, Mgr., Northfield, Ohio.

#### GRIND YOUR OWN GRAIN

A great many poultrymen experience difficulty in securing their grain properly ground or cracked. To all such attention is directed to the advertising of the Stover Manufacturing Co., 321 Plymouth St., Freeport, Ill., on page 189 of this issue. The Stover Company manufacture various sizes of grinding mills for hand or power and they are sold as low as \$4.00. One of these grinders is just the thing to prepare grain for little chicks, as it enables the breeder to select only sound grains and crack them himself and then he has the assurance that the feed supplied is sound and sweet. Better write them today and get their free catalogue.

The fellow that left his best ones at home is very much in evidence at this season of the year. This seems to be the popular alibi with those who fail to be included in the winnings.

#### PITTSFIELD DAY-OLD CHICKS

By the addition of a 150 acre farm at Holliston, Mass., the Pittsfield Poultry Farm Co., announce that they have increased their day-old chick capacity to one million chicks per year. They have recently installed five 16,500 egg capacity Hall Mammoth Incubators, which with the previous equipment gives them an incubator capacity of approximately 100,000 eggs at one time. They issue an interesting and attractive book entitled "Money Making Poultry." This book gets at the real meat of things. There are pages dealing with the cause of poultry failures; that analyse the egg production question; also other subjects along lines that are bound to prove of great value to all poultry raisers. Better write for copy today to Pittsfield Poultry Farms Co., 276 Main St., Pittsfield, Maine.

#### UNDERHILL FARMS

In a recent letter from Underhill Farms, Fort Ann, N. Y., we are advised that they won on Light Brahmas at the Albany, N. Y., show, December, 1913, 1 pen young, 1 pen old, 1 cock, 1 hen, 1 cockerel, 2-3 pullet, sweepstake in the Asiatic classes, best exhibit of Light Brahmas; State club cup; Ameri-

can Light Brahma Club ribbons for best color and shape, male and female, and nine Fort Orange Club specials. This is certainly a fine record and we are pleased to see this worthy old breed again come to the front. Underhill Farms are headquarters for Light Brahmas and any reader of this paper desiring to secure stock or eggs should write them immediately.

#### IRONCLAD

A big free catalogue describing the Ironclad Incubator and Brooder can be secured by any reader of this publication by addressing the Ironclad Incubator Company, Racine, Wis. The Ironclad gets its name from the fact that it is entirely covered with galvanized iron and has metal legs. They are making a special offer of a 140 egg incubator and a 140 chick brooder, delivered to any point east of the Rocky Mountains, freight prepaid.

Are you supplying your birds with greens of some kind? Remember green food of some description is necessary. Sprouted oats, mangles and cabbage are all good.

#### Niagara Rhode Island Reds

Reds. I will have for sale in Dec. the finest lot of Reds I ever raised, bred from my Grand Central Palace and Buffalo winners, sired by Niagara King, and Niagara Chief.

E. M. DUTTON,

Box W,

NEWFANE, N. Y.

#### SINGLE COMB WHITE LEGHORNS EXCLUSIVELY

#### D. W. YOUNG'S STRAIN

Over 2000 breeders on free farm range. The largest plant of high class breeders in the world, milk fed. Incubator capacity 30,000 eggs. Baby Chicks and Eggs for Hatching my specialty. Now booking orders for eggs and baby chicks, March and April delivery. Some fine cocks and cockerels still on hand. My book "Profits in Poultry Keeping Solved" shows where the money is—5th edition now ready, price \$1.00. Get my free circulars before placing your orders.

EDGAR BRIGGS, Box 31, PLEASANT VALLEY, N. Y.

# X

## -Ray Uses 4 to 5 Times Less Oil Than Any Other Incubator

### Here's the Reason Heating Plant Underneath

In the Middle

**Get the X-Ray Book**



Look at that tank. That means something on an incubator, something that you will not find on any incubator other than the X-Ray. It means, first, that you put enough oil in the tank so that you go right ahead and make the whole hatch without fussing to fill a lamp every day. It means something else.

**1 gallon of oil makes the hatch Saves 75c to \$1.25 every time**

And that means that in a few hatches the X-Ray will pay for itself in saving of oil alone.



**Get the X-Ray Book**

Sold direct—no agents. That means you deal with the maker and get best factory prices. We pay the freight.

**Send for the Big Book**

Read the facts on the most perfect heating system. Drop a postal for catalog No. 61, Address

**The X-Ray Incubator Co., Des Moines, Iowa**



## ANNESLEY M. ANDERSON

Annesley M. Anderson, Morton, Pa., well known as a breeder of high class R. C. Rhode Island Reds, won 2 cock; 3 hen; 2 cockerel, color special on male, shape special on female at the Great Philadelphia show, December 16-20, 1913. Mr. Anderson also had a cock and hen under the ribbons at the recent Palace (N. Y.) show. We are informed that he has some grand youngsters to dispose of and in order to move them quickly will quote very moderate prices. Readers interested in this variety will do well to communicate at once with Mr. Anderson.

## OLD TRUSTY CATALOGUE

In the advertising of the Old Trusty Incubator in the front pages of this issue, Johnson says:—"Send in your name at once the book is free". He means of course the Old Trusty Book describing the Old Trusty Incubators and Brooders and he says further that he expects to add 100,000 more names to the vast army of "Old Trusty" users. He has a freight prepaid proposition that he would like to quote to all readers of this magazine. If interested drop a postal today.

## BELLE CITY INCUBATOR CO.

Jim Rohan in his ad in this issue of AMERICAN POULTRY WORLD says:—"Answer this ad, get my low prices and money back offer." This refers to his Belle City Incubator which he believes to be the equal of any machine on the market and is willing to send it on one, two or three months home test, freight prepaid, east of the Rocky Mountains. A postal card will bring you complete information and catalogue by return mail.

## HOW TO RAISE BABY CHICKS

"How To Raise Baby Chicks" is the title of the free booklet sent out by the Howe Mfg. Co., Box 611, Brown's Mills, N. J. It gives a complete record of twenty of the most successful baby chick raisers in America. It is attractively illustrated and contains many valuable and helpful hints to the poultry raiser. They also have a free catalogue that describes their Hatchalot Incubator, The International Sanitary Hover and the 6 in 1 Exerciser Feeder. Better drop a card for the book and catalogue today.

## ROCKFORD INCUBATOR COMPANY

The Rockford Incubator Company, Box 12, Rockford, Ill., are offering a full sized 150 egg incubator with brooder to correspond, both for \$8.50. In their advertising they say:—"Write at once for full facts, do not let anything keep you from this remarkable proposition, the quality is so good; the guarantee so strong and the price too low to let anybody miss it." Better write today and secure their free catalogue and let them lay the whole proposition before you.

It is none too early to select the breeders and get breeding pens in readiness for the coming season's work.

## To Late to Classify

**SPECIAL COCKEREL SALE**—50 Rose and Single Comb R. I. Red cockerels and 12 cocks. Bred from prize winning stock, \$2, \$3, \$5 and up. Eggs and chicks. Illustrated booklet. Edward Lambrite, Erwinna, Pa. 2-2-4

**Duston Strain—WYANDOTTES.** They fill the egg basket, capture the blue ribbons. Hatching eggs and baby chicks. Book orders now. Edward Lambrite, Erwinna, Pa. 2-2-4

**POULTRY BREEDERS** and egg raisers send name and line at once for new Poultry Directory. No charge for interesting. Poultry Statistics Bureau, Rochester, N. Y. 4-4-4

**PRINTING FOR POULTRYMEN**—Fine cuts used. Samples free; mention your breed. W. A. Bode, Fairhaven, Pa. 3-3-4

**HOUDANS**—278 egg strain, **SILVER SPANGLED HAMBURGS**, fancy and utility, 30 fine cockerels, \$1.00 up. Eggs in season. Fred Brenon, 122 North Pleasant St., Watertown, N. Y. 1-1-4

**"LAY-WELL"** strain—Bred to lay, utility winners. Phila. Camden. Eggs, chicks, circular. Gershom Fry, Sewell, N. J. 1-1-4

**ROSE COMB BUFF ORPINGTON** eggs for hatching, \$2.50 per 15. Winners at the largest shows. Originator of Rose Combs in the South. Walter Schaaf, 28 N. 9th, Richmond, Va. 3-3-4

**FREE CATALOG** on Crystal White Orpingtons—**KELLERSTRASS STRAIN**—the big egg producers. It gives you the names and addresses of our customers that won over eight hundred (800) first prizes between Sept. 1st, 1912 and March 1st, 1913. An encyclopedia on Poultry. This big book is free. Kellerstrass Poultry Farm, No. 9504 Westport, Kansas City, Mo. 3-3-4

C. M. Walters, vice-president and editor of "Poultry Pointers", Kalamazoo, Mich., has severed his connection with that paper and will devote his entire attention to "Poultry", published in the past at Petone, Ill., which he has recently acquired and moved to the former city.

\*\*\* "The Orpingtons." All varieties fully described in this complete and attractive book. Seventy-five cents secures a copy \*\*\*

\*\*\* Do not delay—Send today for a copy of our Clubbing Catalogue, it saves you money on your magazines \*\*\*

\*\*\* Your favorite magazines at reduced prices in our Clubbing Catalogue. Send for copy today \*\*\*

**Special Bargain Sale** Our entire flock of prize-winning S. C. White Orpington breeders for sale at bargain prices. Incubator Eggs balance of season \$6 per 100. Send for mating list. H. WILSON FROST. FREDONIA, N. Y.

**Empty Bags Wanted**

Bags are in big demand. Don't throw them away—ship to us at once. We pay freight and remit highest market price. We are big—reliable. Your chance to turn useless bags into money. We buy all kinds—Oats, Corn, Mill Feed, Mixed Feed, Bran, Gluten, Suetene, Chop, Dried Grains, Malt, Cotton Seed Meal, Alfalfa, Beet Pulp, Chic Feed.

**St. Louis Bag & Burlap Company**  
337 No. Main St. St. Louis, Mo.

**Authorities Pronounce**  
**Jacobus -- JA - CO' - BUS**  
**Campines -- KAM' - PEENS**  
**JACOBUS CAMPINES - O. K.**

**A MILLION HENS USE**  
**WELLCOME'S FAMOUS**  
**TRAP**  
**NEST**

Shows Which Hen Laid The Egg.  
PLANS, TRAPS, RECORD SHEETS  
F. O. Wellcome, Box W, Yarmouth, Me.  
Write NOW for prices and proof.

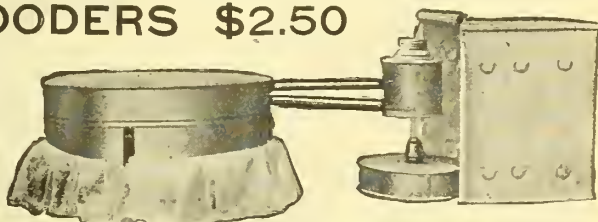
**\$2.50 BROODERS \$2.50**

**THIS BROODER WILL TAKE**

**CARE OF 30 TO 50 CHICKS**

**IT IS MADE ENTIRELY OF**

**METAL.**



Has stood the test for 2 years. Thousands in use. Can be put in any box or coop in 10 minutes. **A PERFECT HOT WATER SYSTEM THAT NEVER FAILS** hot water tank above chicks that warms a flannel that lays on the chicks backs. Heat applied by contact.

**GET OUR BOOK ITS FREE**

Describing this brooder and larger sizes we make along with some 53 different articles we make for the busy poultryman, Non-Freezing Fountains, Feeders and Oat Sprouters and everything else that the Poultryman wants.

**WENDELL INCUBATOR CO.,**

**56 MAIN STREET,**

**HOLLY, MICH.**



## SUNSWICK BUFF ORPINGTONS

Have been BRED for years to produce TYPE, COLOR, SIZE and GREAT EGG PRODUCTION. **SUNSWICK'S GRAND QUALITY** and **WORTH** are shown by their hundreds of **WINNINGS** at **AMERICA'S LEADING SHOWS.** **SUNSWICK'S FLOCK** OF **BUFF ORPINGTONS** have been proved to be among the **WORLD'S BEST**, by its **SHOW RECORD** and **SATISFIED CUSTOMERS.** **SUNSWICK** has won a reputation for **MODERATE PRICES** and **UPRIGHT DEALINGS.** **SUNSWICK** CAN **SUPPLY WINNERS** for your **SHOWS**, also **BREEDING BIRDS** TO **PRODUCE QUALITY STOCK**, and fill the egg basket. **HATCHING EGGS** and **BABY CHICKS** IN **SEASON.** Send for large Catalogue free.

**SUNSWICK POULTRY FARM, RUFUS DELAFIELD, Owner, South Plainfield, N. J.**



# QUESTIONS AND ANSWERS

**EDITORIAL NOTE**—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

## SCALY LEGS

**Q.** Please advise in the next issue of AMERICAN POULTRY WORLD the cause and cure of scaly legs.—O. F. W., New York.

**A.** Scaly legs is a contagious disease affecting the legs of fowls, both domestic and wild, and is caused by a minute parasite that burrows under the scales of the legs causing an irritation that is followed by the exudation of serum which later forms the crusty deposits from which the disease derives its name. There are several ways of treating this disease and let me add that the application of any penetrating oil will be found effective. Carbulated vaseline, turpentine and lard, or kerosene oil are all good, the latter, however, should be used with caution as its too generous use may result in badly blistered legs.

## WHITE EGGS

**Q.** Do Orpingtons lay white eggs—White Orpingtons in particular?—A Subscriber, New York.

**A.** No, The Orpingtons belong to the breeds of poultry that lay brown shelled eggs. White eggs produced by any of the sub-varieties of this breed would be an indication of impurity.

## CONJUNCTIVITIS

**Q.** I have a hen that has a lump in front of her eye about as large as a pea and I would like to know if it would disqualify her for showing. She was first as pullet last year. I have four or five others the same way and would like to know the cause. The eyes get watery and swell almost shut and after about one week the swelling goes down, but this lump still remains. It is hard but can be moved with the fingers. I tried Iodine on it every night for one week but it had no effect, otherwise these hens are in good condition.—S. H. F., Penna.

**A.** The symptoms as described appear very much like Conjunctivitis, a catarrhal inflammation of the mucous membrane of the eye. The same con-

ditions that cause catarrhal colds will also bring about an attack of this complaint. It is also caused by injuries and the lodgment of foreign substances in the eye like bits of dust, etc. It may also be associated with nasal colds or roup.

The same treatment used for other colds usually effect a cure. Where the swelling is persistent and remains after the fowl has apparently recovered, it is advisable to make an incision with a sharp knife and remove the accumulation of cheesy pus that will be found. After this is removed, thoroughly cleanse the wound with diluted Carbolic Acid or Peroxide of Hydrogen (1 part peroxide to 2 parts water), when assured that the pus is all removed and will not return allow the wound to heal.

The bird will probably be set back for the defect but should not be disqualified.

## ROUPY COLDS

**Q.** Will you kindly tell me what to do for my flock of chickens? They

are very sick, do not eat anything and something seems to be the matter with their throat. They go around squeaking. If they pick up food it seems that it is very hard for them to swallow. From four or five of them a foamy matter oozes from their eyes. Two of the flock are blind. They are S. C. White Leghorns and R. I. Reds. I feed a mixed grain composed of wheat, buckwheat, oats, cracked corn, sunflower seeds, etc., in the morning; a wet mash consisting of bran and meal at noon and whole corn and wheat in the evening. Would also like to know of a good preparation for fumigating their quarters.—M. D., New York.

**A.** It looks as if your flock had contracted severe colds that were fast developing symptoms of the Roup. Your birds must be either low in vitality and susceptible to disease, or else your management is at fault. A healthy fowl properly cared for seldom contracts a cold. Colds are the result of exposure to bad climatic conditions, poorly ventilated houses, or drafty roosting quarters. The first thing you should do is to locate the cause and remove it, after which the affected birds should yield readily to treatment. There are many good remedies advertised in the adjoining columns, but if you prefer home treatment would suggest that you cleanse

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 22 1/2 Cents a rod for 48-inch fence.  
 22 fewer posts and no base board  
 or top rail required. Buy from the  
 factory direct. Other styles of  
 Poultry, Farm and Lawn Fencing.  
 Large Catalog free. Write today  
 Box 72 Kitzelman Bros, Muncie, Ind.

# "PITTSBURGH PERFECT" CHICKEN AND RABBIT FENCE

Prepare for the coming *little chicks*, by stringing proper fencing *now*. "Last moment" fence generally proves an expensive "make-shift" and bother.

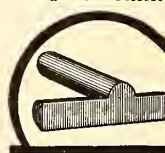
Seventeen line wires at the bottom of "Pittsburgh Perfect" Chicken and Rabbit Fence are only 1 inch apart—no chick can get through this. The heavy, well galvanized Open Hearth steel wires in the fabric are

**Welded by Electricity**  
 at every crossing point into a *one-piece* fence of real strength and durability. Prowling animals are barred out. Easy to erect. No top and bottom boards required. Fewer posts needed. Best looking, most economical and satisfactory fence made.

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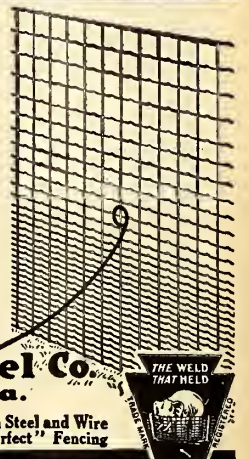
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**CONKEY SAYS**—Don't be "Too Late!" You have seen your fine birds moping, sneezing, coughing, with heads swollen and eyes watering. You have seen them fight for breath and die. That's R-O-U-P. It's humane to relieve them—it's dollars saved to cure them.

Conkey's Roup Remedy does the work. 25c, 50c and \$1.00 sizes. Sent anywhere prepaid if your dealer does not have it in stock. Easily given in the drinking water, so that the fowls take their own medicine. A fine preventive also. Always treat colds and roup

promptly, or you may lose your whole flock. Don't wait; don't be "Too Late." Send dealer's name and 4 cents and we will send you a copy of Conkey's 80 page Poultry Book.

**THE G. E. CONKEY CO.,**  
 CLEVELAND, OHIO

**TOO LATE**





the nostrils and eyes of the sick fowls with a warm antiseptic solution, apply a little carbolated vaseline to the face and cleanse the cleft in the roof of the mouth with a solution composed of 1 part peroxide of hydrogen to two parts water. Give each bird a two grain quinine pill daily, feed on a light ration until improved condition is manifest, stale bread moistened with milk is preferable. For a good disinfectant refer to the advertising columns.

### BANTAM HAS RATTLES

Q. I have a White Cochon Bantam rooster that has the rattles. Will this debar him from winning at a poultry show? What is a good remedy for this trouble?—H. J. K., Mass.

A. If your bird is otherwise in good condition and is of exhibition quality, the affection should not seriously handicap him. This is possibly bronchial trouble and may be the result of a severe cold. With a genuine case of bronchitis the general condition of the bird would be affected and unless measures were taken to effect a cure, the bird would probably die. There are cases, and I suspect yours in one, where the peculiar noise, made when breathing, persists for some time after the bird is apparently well. Try giving it Tincture of Aconite in one drop doses every two hours. This may be put on a little moistened bread and made into a pill which the fowl should be forced to swallow.

### FEEDING QUESTIONS

Q. Referring to Mr. Quisenberry's article on feeding in the September issue, page 886. As I have no milk to feed to poultry I am feeding 90 lbs. ground oats, 10 lbs. beef scrap, 1-2 lb. salt in hoppers in laying houses. I would like to know if this is all right? He does not say whether the wheat and corn should be so many parts by weight or measure. Please tell me how it should be, also in regard to the mash mixture.—G. W. J., Penna.

A. Oats are considered an excellent food for poultry, the only objection being the excess amount of fibre. Your mixture is probably all right, but would prefer to know more of your feeding methods before expressing an opinion. I believe the mixture mentioned by Mr. Quisenberry consists of so many parts of each ingredient by weight not measure.

Q. He also speaks about sprouted oats and I have tried it in the cellar but it is too cold. Would it work all right in the kitchen; also how much would I have to sprout for 150 hens?—G. W. J., Penna.

A. The sprouting trays may be used in the kitchen if the cellar is too

cold. We are told that one square inch of the sprouted mass is sufficient per hen, therefore you would require about 150 square inches of sprouting surface for 150 hens for each feeding.

### LAME DUCKS

Q. Any information as to the cause and cure of the following disease among my Indian Runner Ducks will be thankfully received. The disease first appears in their back and they are unable to rise or to walk, are apparently in perfect health when first stricken. Do not die immediately but linger for several days. During that period they become perfectly helpless and remain so until death. In regard to care, have free range, plenty of fresh water and a variety of grains.—Mrs. J. A. A., Kans.

A. Looks very much like Rheumatism, although the same symptoms are apparent where the birds have eaten some poisonous substance. Ducks although fond of water can not withstand dampness and unless their houses are kept absolutely dry, symptoms like the above are sure to develop. Clean up and see that roosting quarters are dry and well ventilated. A plentiful supply of dry litter covering the floors is desirable. Musty or moldy feeds will also cause similar symptoms.

### CHICKENS GET LAME AND DIE

Q. Our chickens are becoming lame and dying. They eat all right but at last they die anyway. What is the cause of this and what can be done to cure and prevent them from becoming sick?—P. K., Wisc.

A. As the correspondent does not state any particulars in regard to care

or feeding we are unable to give assistance. There are various causes for chickens becoming lame and dying and improper feeding is very often a contributing cause.

### VARIOUS QUESTIONS

Is the Douglass Mixture a good tonic to give poultry? If not kindly publish a good tonic.

A. Douglass Mixture was extensively used a few years ago, but has



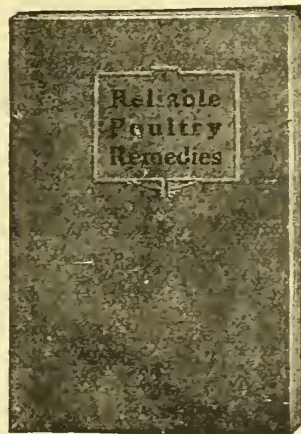
"IF CHICKEN CHOWDER won't make your hens lay, they must be roosters". Full particulars and 48-page Poultry Book free for the asking. PURINA MILLS, 817 So. 8th St., ST. LOUIS MO.

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SCIENTIFICALLY  
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NOT A POISON  
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**No More LICE!**  
No sir, no more lice and we mean it. The lice problem won't worry you if you will do as the leading successful poultrymen have done for 50 years. Stop experimenting—get  
**The Old Reliable**  
**LAMBERT'S** Death To Lice  
(2) and your lice troubles will be no more. Safe, sure, quick, easy to apply. Will not injure hens, eggs, chicks, or soil plumage. Sold in 10c, 25c, 50c and \$1.00 sizes. Send 2c for latest copy of Lambert's "POCKET BOOK OF POINTERS".  
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## Reliable Poultry Remedies



64 pages, 6 x 9

### How to PREVENT and CURE DISEASE

A Poultryman's Hand Book of Tried and Proved Remedies for the Diseases of Poultry. It describes in simple language the symptoms of the various diseases and tells what remedies will give best results under different conditions.

The Chapters are: Requisites for Health; Head, Throat and Lungs; Intestines and Crop; The Abdomen; Legs and Feet; The Skin; Parasites; Objectionable Habits. Send for complete list of our publications.

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158 Pearl Street, Buffalo, N. Y.



**CONKEY SAYS—**Y our fowls will look better, act better, do better in every way during the long winter months if you sprinkle a little of Conkey's Laying Tonic in the mash feed once a day.

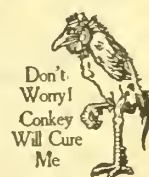
It is a conditioner and tonic that improves the ration and turns the high priced feed to egg production. **WINTER**

**EGGS** bring the big profits.

We also recommend this for use with breeding stock, to improve fertility. For sale by all poultry supply dealers on plain guarantee. Your Money Back if Not Satisfied in Every Way. 25c, 50c and \$1.00 sizes. Pails, \$1.60 and \$3.00. Sample mailed for 4 cents postage.

If not handled by your dealer, send his name and your order for any size above \$1.00, and we will prepay transportation east of Kansas City.

**THE G. E. CONKEY CO., CLEVELAND, OHIO**





gradually been superceded by other safer and more desirable remedies. A little tincture of Iron in the drinking water is recommended by prominent authorities. There are also many good tonics on the market several of which are advertised in these columns.

Q. Can I give dry mustard to chickens to keep them in good health if so how much shall I give them and how often?

A. Yes. One teaspoonful to every six hens is the dose recommended. You should however assure yourself that the mustard is the grade prepared for poultry. See the advertising columns.

Q. What is Permanganate of Potash good for and how is it used?—J. L. L., Md.

A. It is regarded as a preventative and a cure for colds in poultry. A few grains are placed in the drinking water, just enough to give it a red color.

### "THREE DOLLARS FOR PENNY"

You can make 50c to \$3 each on sick chickens, turkeys or ducks. We buy them and cure them with "OCULUM". You can too. "OCULUM" will tone your flock and give you 15 per cent. more eggs free from GERMS, fit for a KING.

"Have used 'OCULUM' two years, it is more meritorious than you claim". F. D. Sutton, Mgr., Poultry Fancier.

"Have hens now laying, given up for dead and cured with 'OCULUM'". Rev. H. R. Walker, Mobile, Ala.

"You have opened a gold mine for the chicken man." Jos. L. Hendry, Louisville, Ky.

"My hens moulted in half the usual time and lay better." L. H. Molan, Pronto, Nev.

Dealers bottle, 50c or \$1.00. If skeptical, dime brings either size, pay balance if O. K. Agents Harvest Booklet FREE. Address H. I. CO., Box Q, Salem, Va.

### BRUCECROFT ORPINGTONS

High quality stock at small prices is the motto of the Brucecroft Poultry & Stock Farm, Lynbrook, N. Y., breeders and importers of Buff, White and Black Orpingtons. Wm. A. Bruce, manager of these farms, has spared no expense in gathering together the best specimens of each of the three varieties that money could buy. He has made several importations from the leading breeders of England and his breeding pens in each variety for the coming season will be headed with imported males. These birds were brought over some months ago and have become thoroughly acclimated and should prove of great value in the breeding pen. Readers who are interested in Orpingtons and desire to secure imported blood and do not feel that they are in circumstances that will permit of their sending to England for it should not fail to book their orders with Brucecroft. Orders for hatching eggs should be forwarded early so that you may be sure of having them at the time desired, as all orders are booked and delivered in rotation. When writing it will be appreciated if you will mention AMERICAN POULTRY WORLD.

### CATALOGUE NO. 34

There is nothing of greater importance on a well regulated poultry farm than a substantial and neat fence with which to confine fowls and protect them from marauders of all description. Kitzelman Bros., Muncie, Ind., fence specialists, have given the fence problem much study and careful investigation which has enabled them to produce several designs of poultry and farm fences that meet all specifications for a first class, dependable and substantial fence that will give good service under almost any condition. The various styles range from 13½ cents per rod upwards and are described in their catalogue No. 34 that will be sent free to all readers who make request and mention this paper.



ORPINGTONS White, Black, Buff

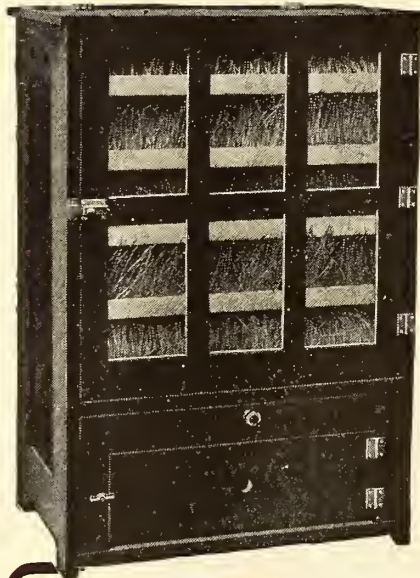
WHITE WYANDOTTES

INDIAN DUCKS, White, Fawn and White, English Penciled

Baby Chicks and Ducklings. 153 Prizes in 4 shows. A. P. A. Gold Medal. Stock and Eggs for sale. Fancy poultry for breeders a specialty. Write for special price list No. D6.

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MERIDIAN, MISS.



**Increase Egg Yield  
This Winter,  
Save Money on Feed,  
Make Chicks Grow  
Rapidly, Strong**

by installing an Ideal Grain Sprouter and feed your hens the green food that is absolutely necessary to insure prolific egg production.

Eggs are going higher in price every year, the demand is far exceeding the supply, and it looks like *good times* and *plenty of money* for the man who has one of our sprouters.

## The IDEAL Grain Sprouter

- is the best machine for sprouting grain ever made;
- will produce sprouts over two inches long in 24 hours;
- sprouts any kind of grain better, in less time and without fuss or muss;
- produces three to four bushels of feed from one bushel of grain;
- pays for itself in a single month by saving in feed bills, increasing egg yield, supplying food that makes chicks grow strong and vigorous.

The "Ideal" is made in several sizes—for a few hens up to hundreds. Can be used in summer (without lamp) as it has proper arrangements for moisture and ventilation to produce quick results and crisp feed.

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Made of best lumber—double walls, insulated with heavy deadening felt—inside lined with galvanized iron—frame of trays heavy galvanized iron—bottom of tray heavy wire netting—front of machine glass, which indicates grain sprouts. These sprouts require very small amount of artificial heat which is produced by the Ideal Safety Lamp, the fumes of which pass through ventilators.

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Don't delay, but write at once for special low price introductory offer, full particulars and description of this perfect grain sprouter. No poultry man should be without it. It is the *Biggest Money Maker for the Poultryman since the Incubator was invented.*

Made by J. W. Miller Co., Manufacturers of Incubators, Brooders and Poultry Supplies, which is sufficient guarantee of its excellence.

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## —S. C. WHITE LEGHORNS AND PEKIN DUCKS—

Have an established reputation for both quality and productiveness. Their record at New York State Fair, Buffalo, Batavia, etc., is evidence of their quality, while a visit to our farm will prove their utility value. We have stock for disposal at all times. Eggs and Baby Chicks in season. It is not better to buy from a farm with an established reputation and one whose prices are reasonable? That is *Maplewood*. Write your wants today.

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H. W. Hayner, Supt.

Box W,

W. Attica, N. Y.



### THE FLOWER CITY SHOW

The annual exhibition of the Flower City Poultry and Pigeon Association is always one of quality, but the exhibition held December 15-20, 1913, was one of the largest and best ever held by the association. The classes, especially the Barred Plymouth Rocks, White, Columbian and Buff Wyandottes, Rhode Island Reds, S. C. White Leghorns, Buff, White and Black Orpingtons, were unusually large and much high quality was in evidence. The show was well cooped and in general appearance was second to none. Several specialty clubs held annual meets, which undoubtedly accounted for the large classes and high quality shown.

The only criticism one could offer was the delay in issuing the catalogue, which was not on sale until Thursday morning. This handicapped early visitors in identifying exhibits and getting in touch with exhibitors. The majority of the awards were completed by Tuesday evening and with but few exceptions were well received by exhibitors.

One of the finest exhibits was the large class of Buff Wyandottes and it is seldom that a better class is brought together. Rocky Run Farms, Gerald Williams, Mgr., Northfield, Ohio, made their first invasion into eastern territory and Mr. Williams was well pleased with the results; his complete winnings were as follows: Cock 9; hen 1-7; cockerel 3-5; pullet 3; pen old 1-6; pen young 4; best display; best shaped female; cup for best hen and Club cup. Stuart A. Howland, Granville, N. Y., was also in the winning in this class with 2-3 cock and 3 pen old. Whitney and McEwan, Albany, N. Y., won 9 hen; 6 cockerel and 3 pen young.

Columbian Wyandottes were also above the average and Judge Van Alstyne had his hands full but was equal to the occasion and his decisions were well received by all. Sunnybrook Farm, Eatontown, N. J., was awarded 2-5 young pen; 6 cock; 3-8 hen; 7 cockerel; 5-8 pullet.

Partridge Wyandottes were represented by twenty-seven singles and four pens and some exceptionally good birds were in line, Chas. B. McEwan, Albany, N. Y., capturing the principal awards as follows: 4 cock; 1-3 hen; 2-3 cockerel; 1 pullet; 1 pen old.

S. C. Rhode Island Reds were one of the largest classes in the show and while there were many good birds in line the class was not one of high quality throughout. China Hanchett, Verona, N. Y., captured 1st hen; 5 cock; and 1 pen.

R. C. Reds while not as large a class possessed some fine quality, Wadsworth and Castor, Wolcott, N. Y., getting the lion's share of the prizes as follows: 2 cock; 3 hen; 1-2-5 cockerel; 1-4-5 pullet; 1 pen old; 2 pen young. The awards do not do justice to the exhibit of these enterprising breeders.

S. C. White Leghorns as usual were represented by large classes and much quality was in evidence. Judge Wheeler has his hands full but worked carefully and as he is recognized a leader among Leghorn breeders comment is not necessary on his work. E. B. Darrow, Williamsport, Pa., was among the winners and carried away 2-3 cock; 1-6 cockerel; 6 hen; 2-3 pullet.

A. G. Barlow, Medina, N. Y., made a fine exhibit of Bronze Turkeys and captured almost every thing in sight, viz: 1-3 cock; 1-3-4-5 hen; 1-2-4-5 cockerel; 1-2-4 pullet. He also showed

a fine string of Buff Leghorns and was awarded 3 cock; 1 hen; 3 cockerel; 2 pullet; 3 pen. Mr. Barlow's exhibit of Bronze Turkeys was worthy of special mention and it is seldom that as large a class of high class specimens is seen; his first prize tom was an exceptionally fine bird and one that attracted a great deal of attention and much favorable comment.

Outside of the Black Langshans which brought out many high quality specimens only one other variety of Asiatics, the Light Brahma, were represented.

There was a large exhibit of Bantams of all varieties and the Pigeon classes were well filled.

In addition to the poultry classes, the Rochester Cat Club held their

annual exhibit in connection with the Flower City Show and the exhibit of the various breeds and colors attracted much attention and proved to be the drawing card of the show as there is always many interested spectators in this department.—William West.

—o—

Don't feed your birds as if they were a lot of automatic machines. Study their wants and cater to them. The theory of throwing in feed and carrying out eggs does not work out well in practice. There is a right way of feeding the same as of every thing else.



## THE SIMPLEX BROODER STOVE BY DAY

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**A Simplex will bring more chicks to maturity than any other method. Stronger, better, larger, more profitable chicks.**

The Simplex is the sure preventative of White Diarrhoea. How many dollars of your valuable Chicks do you lose yearly from this terrible scourge.

**A Simplex will save them.**

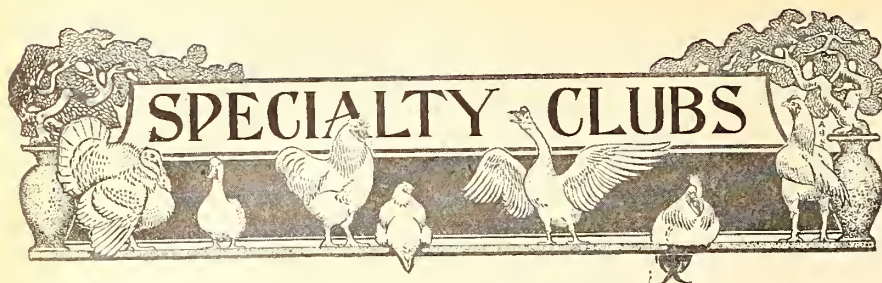
*The Canadian Government has adopted the Simplex for one on Gov. Experimental Stations after a year of exhaustive tests. THERE IS A REASON. A POSITIVE.*

Have you ever thought what it means to save 90 per cent. of your labor, 75 per cent. operating expense and raise 20 to 50 per cent. more chicks. These matters surely must appeal to you. Make us show you. We can and only ask the chance.

Our Catalogue is brim full of new up to date information worth dollars to you. Do not hesitate. A postal will put all this in your hands. May we send it? Broods any number from 200 to 1,200.

**Simplex Brooder Stove Co.**  
221 Fourth St., N. W., Grand Rapids, Mich.





#### RHODE ISLAND WHITE CLUB MEETING

The second annual meeting of The Rhode Island White Club of America will be held at Pittsburgh, Pa., on Wednesday, January 21, 1914, at 1 o'clock p. m.

The Club Show will be during the week commencing January 19th.

An effort will be made to make this a very interesting and helpful meeting, and it is hoped that a large number of members will be present.

Already we have nearly \$60.00 for cash specials besides several silver cups.

All Rhode Island White breeders are invited to join the club and compete for these and other valuable premiums.

Send \$1.00 to Mrs. C. M. Vetriss, Sec.-Treas., Cecilia, Ky., and she will issue you a membership card good to November 1, 1914.

#### REPORT OF THE MEETING OF BLUE ANDALUSIAN BREEDERS

At the Empire Poultry Association Show, Held at the Grand Central Palace, December 4th, 1913

The meeting of the Blue Andalusian breeders, called for December 4th, at the Grand Central Palace, upon the occasion of the Poultry Show held by the Empire Poultry Association, was most satisfactory and was attended by a number of enthusiastic breeders. The matter of forming a club was gone into very carefully by those present, all of whom expressed a decided desire, to have a club and to have one that would bring credit to any breed of poultry.

After an informal talk lasting for some time, it was decided to form such a club, and those present elected E. D. Bird, of Greenwich, Connecticut, temporary Secretary. Mr. Bird reported to those present that there was also a movement on foot in Chicago, to get the Western breeders together at the Chicago show and talk over the matter of forming a club.

It was decided to have the temporary Secretary notify Mr. H. L. Peck, of Champaign, Illinois, that it was their desire for him to be permanent Secretary-Treasurer of the club and that whatever members were secured at the Chicago show, should be merged with the present club, thus forming a strong East-and-West combination, the idea being to then choose permanent officers with an executive committee, to be elected by the Eastern and Western breeders.

It was very gratifying to the members of the new Club to see the splendid showing made at the Empire Show by the Blue breeders, probably as large a class as any show has had in recent years and certainly as fine an exhibition. A very careful inspection of the exhibit of Blues was made by those present and all expressed a desire and willingness to work hard for the success of the club and to bring this club to the top, and to make the Andalusian more popular, and to help at future shows by exhibiting their best specimens.

Mr. Bird, temporary Secretary, received a considerable number of letters from breeders, both in this country and in Canada, showing that the time was ripe for the formation of this Club, and that it was needed and that these breeders were ready to join and would do so.

Exhibits were made at this show from Virginia, Pennsylvania, New York,

and Connecticut, several from each state.

It was shown at the meeting that more publicity and a greater number of exhibitors were needed.

A more comprehensive report will be made later, after the merging of the two clubs.

The meeting then adjourned.

#### NATIONAL WHITE WYANDOTTE CLUB

By a vote of the members of the National White Wyandotte Club the annual meeting is to be held in connection with the Cedar Rapids, Iowa, show, which is to be held January 7 to 11, 1914. The club meeting will be held on Tuesday night, January 13th, and it is desired that as many members as possible will attend the meeting also co-operate with the show managers to bring out one of the largest classes of White Wyandottes ever shown.

The show has appropriated \$150.00 and two silver cups for specials, to which the Club has added \$100.00, making a total of 250.00 in money to be competed for by club members only. This of course is in addition to the regular prizes. This money will be well divided and every member will have an opportunity to win something. State cups have already been offered in seventeen states and Canada and will be offered in other states where there are 10 members on December 15th, 1913. Every breeder of White Wyandottes who is not already a member of the club should send \$1.00 for initiation and dues to the Secretary, A. J. Gies, Delmar, N. Y.

#### SUSSEX CLUB FORMED

At the Buffalo Show, Thanksgiving week, a specialty poultry club was formed to champion the Sussex fowl. The intention of the Club is to promote the fair interests of the Sussex. We feel that this is the greatest breed England ever gave to America and that within five years it will rank with the

Plymouth Rocks, Wyandottes, Orpingtons and Reds. Breeders of this fowl are invited to join the club. Dr. E. K. Conrad, Hackensack, N. J., is President, and A. A. Carver, Seville, Ohio, is Secretary. The fee is \$1.00 a year. For information regarding the Club or the breed address A. A. Carver, Sec'y, Sussex Club of America, Seville, Ohio.

#### AMERICAN BARRED PLYMOUTH ROCK CLUB

The annual meeting of the American Barred Plymouth Rock Club will be held with the Fanciers' Association Club of Indianapolis the first week in February. Over \$300.00 in cash will be offered as Specials, and every member of the Club who possibly can should make a special effort to show there. The annual meeting of the Club will be held Wednesday, February 4th, and every plan is being made to make this one of the largest meetings ever held. The Club has issued a handsome annual catalogue, which is sent to all members free, and to others for 25 cents. Dues to the Club are \$1.00 a year and all breeders of Barred Rocks are invited to join and enjoy the many benefits that are offered to members. Send in your application at once to Henry D. Riley, Secy-Treas., Strafford, Pa.

#### BUFF LEGHORN CLUB CATALOGUE

This club has just issued a neat, well printed and illustrated 64-page catalogue, telling all about their favorite breed, and nothing but the good and bad points about the Buff Leghorn can be found in this book. It is worth 25 cents to any person who is just beginning in the poultry business, but will be mailed free to any person addressing Geo. S. Barnes, Sec., Battle Creek, Mich. If you are looking for some good fowl to add to your yards, the studying of this catalogue will help you wonderfully. Buff Leghorns hatched in July will lay in December, and win prizes. What more is wanted of a breed of chickens.

#### WADSWORTH & CASTOR

Wadsworth & Castor, Wolcott, N. Y., who have been breeding Rhode Island Reds for some years and for the past year have advertised in these columns, made an entry in the R. C. Rhode Island Red class at the Greater Buffalo show and were successful in winning 1 cock, 2 hen, 4 cockerel and 3 pen. We are advised that this male will head one of their select breeding pens the coming season and those who desire to secure eggs from this mating should book their orders early. They also have some choice cockerels and pullets for disposal. When asking for their prices do not fail to mention A. P. W.



#### INTERIOR VIEW OF HOME OFFICES OF CYPHERS INCUBATOR COMPANY

Photographic view of General Office, including stenographic help, of Cyphers Incubator Company, Buffalo, N. Y. Additional to the work of attending to correspondence connected with the receiving and filling of retail and wholesale orders amounting to over one million dollars annually, the Cyphers Company conducts a Personal-Letter Service Department that is free and open to all poultrymen everywhere, regardless of whether they are customers of the company.





Under this heading, we shall endeavor to publish a complete list of the shows to occur during the season of 1913-14. Secretaries should favor us with dates selected, names of judges, also correct any errors that appear in the dates as published.

**CANADA**

NIAGARA FALLS, ONT.—January 28-31; E. L. Wallace, Sec.  
FREDERICTON, N. B.—Feb. 2-6; A. E. Crowley, Sec.

**COLORADO**

DENVER—Jan. 19-24; W. C. Schuman, Mgr.

**CONNECTICUT**

MERIDEN—Jan. 22-24; L. T. Hedeler, Sec.

**IDAHO**

BOISE—Jan. 26-31; L. L. Long, Sec.

**ILLINOIS**

DECATUR—Jan. 19-24; Edw. E. Deetz, Sec.  
DIXON—Jan. 19-24; E. S. Rogers, Sec.  
GALESBURG—Jan. 26-31; H. M. Richards, Sec.  
CLINTON—Jan. 27-30; Dewitt Ply. Ass'n, T. J. Wilson, Sec.

**INDIANA**

FRANKFORT—Jan. 19-24; Chas. Cus, Sec.  
FRANKLIN—Jan. 19-24; A. W. Byers, Sec.  
LOGANSPOUT—Jan. 20-24; Chas. M. Euyart, Sec.  
FORT WAYNE—Jan. 21-26; T. J. Kucher, Sec.  
MUNCIE—Jan. 23-30; Ray M. Allen, Sec.  
LAFAYETTE—Jan. 26-30; H. G. Leslie, Sec.  
ELKHART—Jan. 26-31; Geo. Carroll, Sec.  
LA PORTE—Jan. 26-31; G. F. Decker, Sec.  
MULBERRY—Jan. 27-31; J. F. Smith, Sec.  
INDIANAPOLIS—Feb. 2-7; C. R. Milhouse, Sec.  
SOUTH BEND—Feb. 2-7; C. M. Bill, Sec.

**IOWA**

BURLINGTON—Feb. 3-7; N. M. Derby, Sec.

**KANSAS**

LEAVENWORTH—Jan. 20-23; Chas. M. Swan, Sec.

**MASSACHUSETTS**

NORTH ADAMS—Jan. 20-22; C. M. Ottoman, Sec.  
LENOX—Jan. 27-29; S. C. Burghardt, Sec.

**MICHIGAN**

DETROIT—Jan. 19-25; J. A. Turner, Sec., Lansing, Mich.  
PORT HURON—Jan. 21-24; Robt. S. Taylor, Sec.  
PONTIAC—Jan. 27-31; A. D. J. Schimmel, Sec.  
MENOMINEE—Feb. 10-15; W. A. Haines, Sec.  
GRAND HAVEN—Feb. 4-7; Bert Vandenberg, Sec'y.

**NEBRASKA**

GRAND ISLAND—Jan. 19-22; A. H. Smith, Sec.

**NEW HAMPSHIRE**

DERBY—Jan. 16-19; E. A. Cross, Sec.

**NEW YORK**

SIDNEY—Jan. 26-30; Edwin H. Chase, Sec.  
CHATHAM—Jan. 27-29; Hoit N. Park, Sec.

**OHIO**

PIQUA—Jan. 19-24; Geo. W. Ellerman, Sec.  
YOUNGSTOWN—Jan. 19-24; Leon Pratt, Sec.  
NEW LONDON—Jan. 20-23; B. F. Harrison, Sec.  
CHILLICOTHE—Jan. 20-24; Chas. D. Kern, Sec.  
PAULDING—Jan. 26-31; C. P. Klinger, Sec.  
UPPER SANDUSKY—Jan. 26-31; T. M. Mealey, Sec.  
ZANESVILLE—Jan. 28-31; Frank C. Clester, Sec.  
EATON—Feb. 2-7; Preble Co. Ply. Ass'n, Ora Overholser, Sec.

**OKLAHOMA**

OKLAHOMA CITY—Jan. 20-25; Geo. C. Winans, Sec.  
ENID—Jan. 26-31; I. W. Scherich, Sec.

**PENNSYLVANIA**

GREENVILLE—Jan. 19-24; W. F. Beck, Sec.  
PITTSBURGH—Jan. 19-24; W. P. Craig, Sec.  
MEADVILLE—Feb. 2-7; G. Hilderbrand, Sec.  
PITTSBURGH—Feb. 16-24; Geo. G. Erbe, Sec.

**VERMONT**

HARDWICK—Jan. 27-29; Chas. D. Balentine, Mgr.

**VIRGINIA**

WYANESBORO—Jan. 20-22; E. K. Fitch, Sec.

**WASHINGTON**

ROCKFORD—Jan. 22-24; W. G. Booth, Sec.

**WEST VIRGINIA**

WHEELING—Jan. 26-31; Thos. S. Meek, Sec.

**WISCONSIN**

SUPERIOR—Jan. 20-24; W. A. Roycraft, Sec.  
GREEN BAY—Jan. 22-25; L. H. Hebel, Sec.  
BELOIT—Jan. 24-29; F. M. Walker, Sec.  
WAUKESHA—Jan. 27-31; E. M. Webb, Sec.  
APPLETON—Jan. 29-31; Dr. W. L. Lamb, Sec.  
WATERFORD—Feb. 2-7; H. W. Halback, Sec.

**SANDS' WHITE LEGHORNS**

A record of eleven dozen eggs per head for a flock of 2500 S. C. White Leghorns is something to be proud of. There are many individual records that reach much higher figures, but there are few flocks that can approach this average. This record made by a flock of White Leghorns owned by LeRoy E. Sands, Hawley, Pa., who states in a recent letter, "I am getting fine egg yields at the present time and have never had a finer flock of hens and pullets." Although Mr. Sands caters to the utility end of the business and has bred for vigor and high production he has not lost sight of standard requirements and though he has never exhibited, many high class specimens could be selected from his flock that would give good account of themselves in the show room. He has a mammoth incubator and would be pleased to hear from those who desire baby chicks for spring delivery or eggs for hatching and will appreciate it if you will mention A. P. W. when writing.

**SYRACUSE SHOW**

The wide awake and enterprising fanciers of Syracuse, N. Y., who banded together for the purpose of holding a show in that city, have every reason to be proud of their first effort, as it was one of the finest exhibitions of poultry that it has been my privilege to attend this season. There were upwards of 2,000 birds caged and the quality throughout was unusually good. The show was very attractively cooped and the judging was completed promptly and appeared to give general satisfaction. The only drawback to the show was its poor attendance and this may have been due to the fact that the Dairy Show was being held at the same time in another part of the same building.

Despite the fact that the show was not patronized as it deserved, the promoters are not discouraged and are already planning for a larger and better exhibition in Syracuse next season, and I dare say from the enterprise displayed by all those connected with this year's exhibition that a larger and better show will result next year. The exhibitors should make note of this fact and plan to include Syracuse on their list next season. William West.

—o—

**WHITE WYANDOTTES OF QUALITY**

Cornelius A. Kievit, Paterson, N. J., reports his "White Wyandottes of Quality," as he chooses to call his strain, have been very successful at the two exhibitions at which they have been shown, namely Paterson and Passaic. At the former he was awarded 1-2 cock; 1-2 hen; 1-2-3-5 cockerel; 1-2-4 pullet; 1-2 pen; best hen; best pen in show; cup for best display in show; cup for best hen; cup for best display White Wyandottes; cup for best pullet; all shape and color specials. At Passaic he won 1st cock; 1-2 hen; 1-2 cockerel; 1-3 pullet; 1st pen; silver cup for best display; best cockerel; best hen; American Poultry Association medal and many other ribbons and specials.

The awards were placed by Judges Nixon and Fell, who are among the best known White Wyandotte experts in the country, and the exhibit of "White Wyandottes of Quality" made by Mr. Kievit was pronounced by them to be one of the finest they had seen this season.

Mr. Kievit has on hand about 500 old and young birds fully developed and would be pleased to hear from all readers who are desirous of securing first class stock.

**NOW READY**

The new 1914 catalogue of the Prairie State Incubator & Brooder is now ready for distribution and a free copy may be had by any reader of this publication upon application. The Prairie State Incubators and Brooders are used and endorsed by leading Agricultural Colleges and experts and for many years they have been recognized as one of the leading makes, in fact it is one of the oldest machines on the market. The new departure for the coming season is their new Keystone model. This is designed especially for beginners and maintains the Prairie State quality with all the new improvements and sells for \$9.00. Just send them your name on a postal today and get their free book describing these two machines.

—o—

**HUSTON'S ROCKS WIN**

James T. Huston, Williamsport, Pa., who has been breeding Plymouth Rocks for several years, wishes us to announce that he won 2nd pen at the Great Allentown Fair and 4th pen at Hagerstown. Through an oversight these were omitted from our reports of our advertisers' winnings at these two shows.



### STANDARD LOW-COST BROODING DEVICES

On page 5 of this issue of AMERICAN POULTRY WORLD will be found an advertisement of the All-metal, Self-regulating Portable and Adaptable Hovers, manufactured by Cyphers Incubator Company, Buffalo, N. Y., and for sale at this company's six places of business—Buffalo, N. Y., New York City, Boston, Mass., Chicago, Ill., Kansas City, Mo., and Oakland, Cal. Following are two sample reports from Cyphers Company customers, telling of the good work done by these brooding devices:

Birchmont Poultry Farm,  
Montvale, N. J., July 18, 1913.

Cyphers Incubator Company, Buffalo, N. Y.:

I have used several makes of hovers and after a thorough trial find the Cyphers Company's Portable, the most suitable. I am especially pleased with the Self-regulating feature, which avoids the necessity of visiting the hover several times at night to see that the temperature is not too high or too low, as is necessary in using hovers that depend for regulation on the raising or lowering of the wick. Being portable or movable this hover can be placed in a room, colony house or other poultry building and will work satisfactorily. Should I at any time require additional hovers, I certainly shall get the Cyphers Portable.

C. Bullinger.

R. F. D. 2, Buckton, Mo., July 19, 1913.  
Cyphers Incubator Company, Buffalo, N. Y.:

Our Cyphers Adaptable Hovers have proved themselves to be all you claim for them. We have tried them out in cold, rainy weather with lots of wind and the temperature was more regular even than the temperature of a small incubator we had in the house. We can cheerfully recommend the Cyphers Adaptable for use in any and all places where it is safe to brood chicks. It is all that the name "Adaptable" implies. We have not lost over five per cent. of all chicks put into them. We have a 244-egg Standard Cyphers Incubator about eight or ten years old and it is still doing good work. We have the best of feeling for all Cyphers Company goods.

W. Walter Harman.

Reader is requested to look up the Cyphers Company's full-page advertisement of these brooding devices on page 5 of this issue of AMERICAN POULTRY WORLD.

### MARTZ BUFF ORPINGTONS

For a great many years A. E. Martz, Arcadia, Ind., has devoted his attention to the S. C. Buff Orpington and is one of the most enthusiastic breeders of this variety in America. Associated with Mr. Martz in the breeding of Buff Orpingtons is his son, F. N. Martz, and the business is conducted and advertised under the name of A. E. Martz & Son. Together they have built up a poultry plant that is a model of convenience and stability. In developing this model plant liberal use has been made of the Catalpa trees and these not only furnish an abundance of shade, but also add beauty to the surroundings. This is probably the largest plant in the country devoted exclusively to the production of Buff Orpingtons and they now have on hand nearly 300 birds from which to supply winners for any show or for breeding purposes.

They mate up their breeding pens early so that they are able by repeated tests by incubation to know what the fertility of the eggs will be and so please their customers, as eggs for hatching form a very important part of their business.

To learn more of this plant, the Martz method of doing business and to get an idea of the quality of the stock bred here, the reader should send for a copy of their beautiful catalogue entitled "Buff Orpingtons For Pleasure and Profit". If you will address a request today to A. E. Martz & Son, Box E, Arcadia, Ind., this beautiful book will be forwarded by return mail.

## CLASSIFIED ADS.

**RATES:**—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

**TERMS:**—Cash with order and copy of advertisement. Positively no exceptions to this rule. Please count the words correctly to avoid delay in publishing. Write copy of your advertisement plainly to insure its appearing correctly. Copy must reach AMERICAN POULTRY WORLD office by 18th of the month preceding date of issue.

AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 45,000 copies during the year ending with April, 1913.

**"BECOME IDENTIFIED WITH A WINNER."**

### ANCONAS

**ANCONAS**—Peerless strains, Blue Ribbon and Special prize winners and unexcelled layers. Marion Hill, Route No. 4, Geneva, Ohio. 6-1-4

**SHEPPARD'S FAMOUS ANCONAS.** The World's best, Single or Rose Comb. First at World's Greatest shows, including London, England; Madison Square and Cleveland. Greatest egg record—256 average. Catalogue free. Cecil Sheppard, Box X, Berea, Ohio., President International Ancona Club. 4-1-4

### BANTAMS

**COCHIN & BRAHMA BANTAMS**—Winners of Blue Ribbons, Cups, Medals, etc., at America's largest Shows. A. I. Paine, Whitman, Mass. tf

**BLACK COCHIN BANTAMS**—Having sold all my Pyle Bantams, will gladly quote selling prices on all Cochins, as lot or otherwise. Among them many good birds. F. B. Zimmer, Gloversville, N. Y. tf

America's greatest winning strain of **BUFF COCHIN BANTAMS.** Have pleased noted breeders and can please you. B. O. Schilling, Linden Road, R. F. D. No. 1, Rochester, N. Y. 12-1-4

**BANTAM SPECIALIST**—Buff, Black, Partridge Cochins, Light and Dark Brahmas. I ship on approval. Circular free. Geo. C. Salmon, Port Dickinson, N. Y. tf

**ALL BREEDERS** of Bantams should procure a copy of the "Bantam Book." Fully describes all varieties and tells how to feed and care for them. Just what the beginner wants to know. Send 50c. today to AMERICAN POULTRY PUBLISHING CO., Buffalo, N. Y. tf

**RARE BARGAINS**—Golden and Silver Sebright, Buff, Black, White and Partridge Cochin, Rose Comb Black, Black Tailed Japanese, Red Pyle and Black Red Game and Single Comb White Leghorn Bantams. Proper & Son, Schorharie, N. Y. 12-7-4

**GOLDEN SEBRIGHT BANTAMS**, \$1.50 and \$2.00 each. Four and \$5.00 per trio. W. H. Adams, Almond, N. Y. tf

**BANTAMS** bring profit and pleasure. Our monthly tells how. 50 cents a year. Subscribe quickly and we will give you six back numbers free; or 10 cents for four months' trial. American Bantam fancier, 934 Advertising Bldg., Chicago. 3-2-4

**WHITE COCHIN BANTAMS**, Three Dollars per trio. Will M. Beadle, Marcellus, Mich. 3-2-4

**BLACK AND BUFF COCHIN**, and **BLACK ROSE COMB**, Young and Old Stock shipped on approval. Herman J. Schneller, R. D. No. 2, Bethlehem, Pa. 3-2-4

**BANTAMS**—34 varieties. Egg orders booked. Send 2c stamp for circular. The Fenn Bantam Yards, Box 44, Delavan, Wisc. 6-6-4

**AMERICA'S BEST COCHIN BANTAMS:** If you wish the best, either show birds, breeders, pet or utility Bantams, be sure and turn to Cover Page 3, and read our ad carefully. Wahebe Bantam Yards. tf

### BUCKEYES

Weisberg's Quality **BUCKEYES**. Leading winners, winter layers. Hatching eggs for early chicks now ready. Free catalog. A. H. Weisberg, Nevada, Mo. 3-3-4

### BUTTERCUPS

**SICILIAN BUTTERCUPS**, exceptionally fine cockerels for breeding purposes, three to five dollars each. G. E. Lampson, Penn Yan, N. Y. 3-2-4

**SICILIAN BUTTERCUP** chicks, four weeks old, one dollar each. Best stock limited number—delivered March. C. W. Snyder, Hastings-on-Hudson, N. Y. 1-1-4

### CAMPINES

**SILVER & GOLDEN CAMPINES.** Our birds have proven by their winnings that they are the world champions of them all. See our advertisement on cover 2. Manhattan Farms, Geo. E. Noeth, Owner, Brighton, N. Y. tf

**SILVER CAMPINES**—With some class—the kind you will eventually buy. Campine Specialist. Thomas Keeler, Waverly, N. Y. 1-1-4

M. R. Jacobus, Box 3—W. Ridgefield, N. J. Original introducer of **IMPROVED CAMPINES**, now offers some exceptionally fine bargains in both old and young stock. Silver and Golden Campines. "My book "Campines by Jacobus" free unless you prefer to send postage. tf

**FOR SALE**—Silver Campine Cockerels, bred from cup winners of Canada, \$5.00 each. H. Beacon, Hillcrest Poultry Farm, Berwyn, Md. 2-1-4

For sale—three beautiful trios **SILVER CAMPINES**. Box. 56, Richmond Hill, Ontario, Canada. 1-1-4

Bayerdorffer, Oakwood Heights, N. Y. Improved **SILVER CAMPINES**. Large egg strain. Stock the finest in existence. Eggs \$3 per 15; \$15 per 100. Mating list free. 3-3-4

**SILVER—GOLDEN CAMPINES, REMEMBER!** Before buying elsewhere, 'twill be to your interest to get my prices on eggs. Mating list free, send for it. Dr. Prudhomme, Desk B, Thurmont, Md. 3-3-4

**SILVER CAMPINE** cockerels, Jacobus strain. From two to five dollars each. Eggs in season. Cleone Allis, Wysex, Pa. 3-3-4



**GOLDEN and SILVER CAMPINES**, stock and eggs for sale. C. V. Ford, Clyde, N. Y. 3-3-4

300 fine **SILVER and GOLDEN CAMPINES** for quick sale at half price. send for bargain list. E. Benson, Latimer, Iowa. 1-1-4

### COCHINS

**COCHINS ALL VARIETIES** as well as Brahmas and Langshans are described in the book "The Asiatics", the only complete treatise on the oldest fowls in existence. A copy will be sent postpaid upon receipt of 50c. cash or stamps to **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

### DOMINIKES

William Davenport's **DOMINIKES**, Griswoldville, Mass. Five years, New York's greatest winners. Circulars free. 3-3-4

**THE VERY BEST** there is in **DOMINIKES**. A. Q. Carter, Freeport, Maine. 3-3-4

### DORKINGS

**RED DORKINGS**—England's oldest fowls, brought to Britain by the Romans. Cocks, black-breasted reds of eight pounds; hens, black-spangled reds of six. Heavy layers of white eggs. Write for old fashioned circular to C. Weygandt, Wissahickon Ave., Mt. Airy, Philadelphia, Pa. 11-3-4

### DUCKS

**THE NEW EDITION OF DUCKS AND GEESE** should be in the hands of every breeder of water fowl. Contains the origin of the Ducks. Describes the different Standard varieties. Tells about the wonderful Duck Industry on Long Island and abroad. 104 pages, 8 1-2 x 11 1-2. Price 75 cents. **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**COOK'S STANDARD FAWN INDIAN RUNNERS**, undisputedly America's oldest and best. An elegant crop 1913 hatch, properly raised, now ready. Prices in lots of one or one thousand. Booklet for stamps. Irving E. Cook, Munsville, N. Y. 6-2-4

**MALLARD DUCKS**, wild or thoroughly domesticated, \$2.00 each. R. Burton Child, Findlay, Ohio. 2-1-4

Three extra nice trios of **WHITE INDIAN RUNNER DUCKS**, from prize winning stock. \$6.00 per trio. Breeding drakes \$2.00 each. Ed. Glendenning, Delhi, N. Y. 1-1-4

For Genuine **BUFF ORPINGTON DUCKS**, address O. K. Hobbs, Hickory Grove, Ky. tf

### FAVEROLLES

**WHITE FAVEROLLES**: Send ten cents for breed Standard. The best table fowl in existence. Quick growers, good layers and very hardy. A few birds for sale. D. Lincoln Orr, Orr's Mills, N. Y. tf

### FERRETS

**WHITE AND BROWN FERRETS**. Price list free. Bert Ewell, Wellington, Ohio. 5-1-4

### GEESE

**YOUNG EMBDEN GANDERS** from Garden, Baltimore and State Fair winners. Sara Little, Clyde, N. Y. 3-2-4

### GUINEAS

**PEARL GUINEAS** \$1.00 each. Kittie Mulcahy, Clyde, N. Y. 3-2-4

### HOUDANS

**HOUDANS**—Proprietor all Petersen's, also book 20c. Eggs, stock. Dr. Wright, Bolster's Mills, Me. tf

**HOUDANS**, Chicago Winners, past three years. Write your wants. Will M. Beadle, Marcellus, Mich. 3-2-4

**WHEAT'S HOUDANS**. Took 4 firsts at Albany and first on pen at Grand Central Palace, N. Y. Eggs in season and stock for sale. Write Wheat Bros., Treadwell, N. Y. 1-1-4

### LANGSHANS

**BLACK LANGSHAN** Show Birds and Breeders. Famous New York Winners. Fine shape and color. Circular. R. W. Bishop, Guilford, Conn. 3-2-4

### LEGHORNS—BLACK

**BEAUTIFUL** green sheen, together with dark under-color and golden yellow legs. Heavy winter layers. Eggs from selected matings \$1.50, \$2.00, \$3.00. Adirondack Poultry Farm, Bangor, N. Y. 3-3-4

### LEGHORNS—BROWN

**ROSE COMB BROWN LEGHORN** Show birds for big shows, Breeders that will please you, cockerels, cocks, hens. Circular. H. S. Lamson, Cameron, N. Y., Box C. tf

**SEND YOUR ORDER** today for a copy of "The Leghorns", the most complete treatise on your favorites ever written, three full page illustrations in colors, one showing correct plumage color of male and female Brown Leghorns. 144 pages—price \$1.00 postpaid. **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

Miers' **S. C. BROWN LEGHORNS** won at Great Allentown Fair, 1st pullet in 1911-12-13. Also 1st cockerel at Allentown Fair, Williamsport and Philadelphia 1912. Cockerels of good type, fine color—three to five dollars each. Chas. O. Miers, Bangor, Pa. 3-2-4

Rockfellar and Hubbard **S. C. BROWN LEGHORNS** win at Buffalo, 2 cock; 2, 3, 4 hen; 1, 3, 4 cockerel; 1, 3, 4, 5 pullet; 1 pen. Special for best female. Cockerels and pullets for sale either line, \$3 to \$5. Rockfellar and Hubbard, 49 Lafayette St., New Haven, Conn. 3-3-4

### LEGHORNS—BUFF

**ALL BREEDERS** of Buff Leghorns should send today for a copy of the new Book "The Leghorns," the last word on this popular fowl. Contains beautiful plate of Buffs in natural colors. 144 pages, profusely illustrated. Send \$1.00 today for copy. May be returned if not as represented. **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**OUR SINGLE COMB BUFF LEGHORNS** won 97 Prizes, last year. Heavy Layers. Stock for sale at reasonable prices. Chestnut Hill Poultry Farm, Easton, Pa. 12-2-4

American Quality **SINGLE COMB BUFF LEGHORNS**, winners Chicago, 1913, first two fifths, for five entries. Prices right. L. M. Munger, DeKalb, Ill. 2-2-4

### LEGHORNS—SILVER

**SILVER LEGHORNS**—a specialty, 10 years a breeder of this beautiful variety, circular free. Sylvester Shirley, Pt. Clinton, Ohio. 12-2-4

### LEGHORNS—WHITE

**WHITE LEGHORN** breeders and fanciers should have a copy of "The Leghorns" all varieties, the latest and most complete treatise on this popular fowl. Will give you many valuable pointers on care, feeding and conditioning. 144 pages, profusely illustrated. Three color plates. Postpaid \$1.00. **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**S. C. WHITE LEGHORNS**—Corning Egg Farm, Cyphers, Ellis strain S. C. White Leghorn pullets \$1.50 each. 400 fine breeding hens, year old last April, nicely feathered out, for \$1.25 each. Armstrong Poultry Farm, Woodfield, Ohio. 3-1-4

### A CHEAP AND SANITARY PRACTICAL GREEN FOOD FEEDER

Every poultryman knows how fowls devour green food when shut up in pens or yards or even in the summer time when ranging free out doors, and the grass has begun to wither and dry. The old method of throwing cabbages, beets, clover, etc., on the ground has not been very satisfactory as the food quickly gets soiled and filthy and much is wasted. Some practical yet inexpensive device for holding vegetables and green stuff has long been needed but until Carter's Sanitary Green Food Feeder was placed on the market, nothing entirely satisfactory had yet been devised. However, this simple feeder meets this need of poultrymen completely.

It is made of strong, soft fish-net cord and will last for years. It holds about half a bushel of vegetables, such as cabbages, beets or clover, meat bones, etc., and may be hung up in the pen just high enough off the floor to make your fowls exercise while eating. Carter's Sanitary Green Food Feeder keeps the green stuff clean, prevents waste and will not get out of order or injure the combs or heads of fowls. It is the most sensible and economical device ever offered to poultrymen. The price is 35c each or three for \$1.

Every reader who wants to save on feed and at the same time get better results from his fowls cannot afford to neglect obtaining one of these feeders for each of his pens. Many big poultrymen are using it and endorse it very highly.

H. F. Pierce, the manufacturer, 411 Wadsworth Bldg., Portland, Me., guarantees satisfaction or will refund the money of any customer. We suggest that you write to him for a descriptive circular of this Sanitary Green Food Feeder.

### E. W. BOGERT

A few facts in regard to the career of E. W. Bogert, Port Washington, N. Y., will undoubtedly be of interest to **AMERICAN POULTRY WORLD** readers. Mr. Bogert's advent as a poultry breeder was in 1893, when he began the breeding of Black Langshans, ten years later he became interested in Rhode Island Reds and began breeding the Tuttle Strain of R. C. Rhode Island Reds. We are advised that he has supplied winners as far back as the Jamestown Exhibition and since then has furnished winning specimens for shows in all sections of the United States, Madison Square Garden included. In 1910, a partnership was formed with Robert Seaman of Jericho, N. Y. This led to the establishment of the noted S. & B. Strain of Single and Rose Comb Rhode Island Reds. Mr. Bogert had full charge of the breeding operations which were conducted on the large farm near Port Washington, N. Y. After several successful seasons the partnership was dissolved October, 1913, Mr. Seaman retiring and Mr. Bogert succeeding the former firm.

The farm consists of twenty acres and will now be known as the E. W. Bogert Rhode Island Red Farm. It is only nineteen miles from New York City and is located on the Long Island Railroad, allowing both the shipping of stock and eggs with dispatch. All birds are housed in open front houses, so arranged that the growing stock have a grass range of about eight acres and also of about ten acres of corn which furnishes abundant shade. During the past three years, stock produced at this farm has made a very enviable show record and Mr. Bogert has been improving their quality year by year. He believes he is now in position to furnish birds that can compete successfully with the best of other breeders and will be pleased to hear from all readers of **AMERICAN POULTRY WORLD** who are interested in Rhode Island Reds and desire only the best.

\*\*\* Get a copy of the corrected Standard. We supply it—send your order now \*\*\*



### "EARLY BROILERS AND EARLY FALL LAYERS"

We learn from Cyphers Incubator Company, Buffalo, N. Y., manufacturers of the Paradise Brooders, a unique sectional indoor brooding device, that the sale of these brooders last season was the largest in the history of the company. The following sample report from a customer is published at the request of Cyphers Company:

Lincoln, Nebr., March 5, 1913.

Cyphers Incubator Company, Buffalo, N. Y.:

If it were impossible for me to obtain another Paradise Brooder I would not part with mine at any price. It is the finest thing in the way of a brooder I ever saw. Last year I raised about four hundred chicks in it and the total mortality was only five out of the whole lot. At first I placed the brooder in one of the living rooms of the house, but after a month I put it in an enclosed porch. Although it became quite chilly on this porch I never had to worry about the heat in the brooder.

This spring I built a small brooder house to accommodate the brooder, the house being made large enough for at least three more brooders as they become needed later on. With the Paradise Brooder the chicks can be cared for with the least amount of work possible, and there is no getting down on your knees to see that every thing is all right. The glass sides make it possible to see all the chicks at any time and the adjustable dampers make it easy to regulate.

I am using a 110 and 220-egg Cyphers Incubator which were purchased of you twelve years ago, at Wayland, N. Y. These machines today are giving the best of satisfaction. I am obtaining 70 per cent. hatches from them on the average. The only repairs that have been bought for them have been new lamps for both. I would not trade today for any machine on the market other than a Cyphers.

White Fowl Poultry Farm,  
Edw. K. Stockfield, Prop.

Reader is requested to look up the Cyphers Company's full-page advertisement of this brooding device on page 4 of this issue of AMERICAN POULTRY WORLD.

### HOWARD BROODER STOVE

The remark is frequently made that you can hatch chickens in most any old box but that it is another question to raise them. It is generally admitted that the greatest amount of trouble in poultry raising has been experienced in brooding chicks, but of late years there has been such rapid improvement in brooding apparatus that it is not unusual to find breeders raising chicks by the thousand and doing almost as well as the mother hen. One of the latest appliances for this purpose is the Howard Brooder Stove. This is constructed entirely of galvanized iron with two drums and is operated on the same principle as a hot air furnace in a dwelling house, that is fresh air is constantly drawn from the cold air box, heated and uniformly radiated to all parts of the room. The dead, foul and poisonous air which always stays on the floor and causes fatalities to chicks is automatically drawn from the floor, thus keeping the air at this level, at the proper temperature and pure and fresh at all times.

The hover is heated by a blue flame wick stove with an oil tank which can be placed at any point in or out of the building. The chicks form a circle about the stove, selecting just the proper temperature and there is scarcely any limit to the number that may be brooded in one flock, providing they are the same age. The stove works on the same principle as those in the Petaluma section of California, where it is not uncommon to find 1500 to 2000 chicks being brooded from the heat of one stove.

The Howard stove is moderately priced and is fully described in a catalogue that will be sent free by the Howard Manufacturing Co., Hornell, N. Y., if this paper is mentioned.

AM BOOKING orders now for day old chicks at \$12 per 100 and eggs for hatching at \$5 per 100. None but 2 and 3 year old hens used for breeders. D. W. Youngs strain. Meadow View Poultry Farm, Lock Box 106, Suffield, Conn.

3-2-4

**BABY CHICKS—EGGS FOR HATCHING.** Wyckoff-Blanchard Single Comb White Leghorns. The strain that furnished Corning's foundation. Every chick full of vitality, bred for big egg production. Twenty-five, 15 cents; fifty 12 cents; hundred or more 10 cents each. Eggs one dollar per setting, five dollars per hundred. Maple Lodge Farm, Inc., Newton, N. J.

6-6-4

D. W. Young—**WHITE LEGHORN** eggs, baby chicks, vigorous free range stock, prices very low considering quality. Circular free. H. D. Salton, Walton, N. Y.

1-1-4

**BABY WYCKOFF WHITE LEGHORNS;** per hundred \$9.46, plus 7c every day before July hatched, less one cent every day in advance ordered. Small deposit. Bully good circular free. Cockerels \$2, \$3. George Phillips, R 171, Seymour, Conn.

1-1-4

### LEGHORNS — SEVERAL VARIETIES

**FOR SALE** prize winning S. C. White and Brown Leghorns at reasonable prices. F. E. Ray, East Haddam, Conn., Box 136.

1-1-4

### MINORCAS—WHITE

Clark's **WHITE MINORCAS** win 1 hen, 2 cock, 4 cockerel at Palace Show. Stock for sale. Baby chicks \$8.75 per 25; \$15 per 50. Eastern Agent, Petaluma, and Egg City Incubators, Sefton Egg and Chick Boxes, Coates Feeders. L. D. Clark, Apalachin, N. Y.

3-3-4

### ORPINGTONS—BLACK

**EVERY BREEDER OF BLACK ORPINGTONS** should read the new Orpington Book. Tells about the Standard requirements, how to mate and breed them for best results, edited by J. H. Drevenstedt. Fully illustrated. Price 75 cents, postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y.

tf

### ORPINGTONS—BUFF

**BUFF ORPINGTON** Cockerels, Martz strain, \$2, \$5, \$10. John C. Gekeler, Delaware, Ohio.

2-1-4

**BUFF ORPINGTON BREEDERS ATTENTION.** For the origin and history of your favorite variety, read the new Orpington Book. It also tells you how to correctly mate and breed them. 80 pages, 8 1-2 x 11 1-2. Price 75 cents postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y.

tf

**ROSE COMB BUFF ORPINGTONS,** winners at New York, Kansas City, etc., fine large even colored cockerels ready to ship. C. O. Penrod, R No. 3, Piqua, Ohio.

3-2-4

### ORPINGTONS—WHITE

**S. C. WHITE ORPINGTONS,** three dollars each. March hatched S. C. White Orpington Cockerels, two dollars each for pullets, Aldrich stock direct. Few extra fine specimens at \$10 each for cockerels. Pullets \$6.00. Armstrong Poultry Farm, Woodsfield, Ohio.

3-1-4

**WHITE ORPINGTON HOME,** Rose Comb White Orpingtons are sure winter layers and winners. Hundreds for sale reasonable. Earl C. Cook, Munnsville, N. Y.

3-1-4

**KELLERSTRASS CRYSTAL WHITE ORPINGTONS** stock from \$150 trio. Baby Chicks for sale. Cockerels \$2 and up. Eggs ten cents each. Chas. E. Baker, Andover, N. Y.

tf

**Kellerstrass Strain CRYSTAL WHITE ORPINGTONS.** If you want something good inquire of Mrs. A. R. Stickle, Macomb, Ill. Stock and eggs for sale.

1-1-4

**WHITE ORPINGTON** history fully described in the new Orpington Book, the most complete work published on the popular Orpington fowl. Price 75 cents postpaid. AMERICAN POULTRY WORLD, Buffalo, N. Y.

tf

### ORPINGTONS—SEVERAL VARIETIES

**WILLIAM COOK & SONS,** Originators of all the Orpingtons, Box W., Scotch Plains, N. J. For the best Orpingtons, any variety, it is natural you must send to their Originators. Send 10c for Illustrated Catalogue, just out, with history of Orpingtons and hints on poultry keeping.

tf

**THE ORIGIN AND HISTORY** of all varieties of Orpingtons, described in the Orpington Book, just published. Every breeder of Orpingtons should have a copy. Price 75 cents. AMERICAN POULTRY WORLD, Buffalo, N. Y.

tf

**ROSE COMB ORPINGTONS,** Buff, Black, White. H. C. Faulkner, Marshall, Mich.

3-2-4

### PET STOCK

**GUINEA PIGS** of the highest quality. Write your wants. Earl Stecker, Bloomsburg, Pa.

1-1-4

**GUINEA PIGS** for sale cheap. Illustrated circular, stamp. Geo. R. Palmar, Troy, N. Y.

1-1-4

**PERUVIAN CAVIES,** white and colored. Leland Austin, Walton, N. Y.

1-1-4

**GUINEA PIGS** or **CAVIES** in any quantity and color; youngsters or adult. Chas. Climer, 41 Knowle Road, Sparkhill, Birmingham, England.

1-1-4

### PIGEONS

**I OFFER** guaranteed mated **HOMERS** in any quantity at \$1.00 pair, and challenge squab companies or dealers to produce better stock at twice this price. Beautiful White Homers \$1.50 pair. Get my prices on Runts, Carneaux, Maltese Hens, and save dollars. Charles Y. Gilbert, 346 N. American St., Philadelphia, Pa.

1-1-4

**WANTED—5,000** Common or Homer Pigeons. Pay at least 25c pair. Market Poultry Wanted. F. Gilbert, 1128 Palmer St., Philadelphia, Pa.

1-1-4

### PLYMOUTH ROCKS—BARRED

**E. B. THOMPSON'S** Ringlets, direct—Extra choice cockerels and females, big vigorous stock; bred from winners, best New York winning blood from proven breeders. Have spared neither pains nor money. Wm. Huckle, Waverly, N. Y.

3-1-4

**BARRED ROCKS,** Sharp ringy cockerels, bred for exhibition females. The Blue Barred Kind. Frank S. Sewell, Beacon, N. Y.

4-2-4

**PARKS 200 EGG BARRED ROCK** Cockerels, Circular free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C.

3-1-4

**BARRED ROCK BREEDERS.** Send 50c for National Barred Rock Journal one year. The only monthly magazine issued wholly in the interests of the Grand Old Breed. W. L. Robinson, Pub., Union City, Mich.

tf

**Park's 200 egg BARRED ROCKS—**Pens headed by son of Park's hen "Muzz" 232 eggs. Hens with records 238-246 eggs, 15 eggs \$1.50. Circular free. Frederick Matteson, 3838 Woodley Lane, Washington, D. C.

3-3-4

**BARRED ROCKS** of highest quality from Washington, Baltimore, Buffalo, Charlott winners. Stock for sale. Eggs \$3.00 sitting. Circular free. Chas. C. Wine, Mt. Sidney, Va.

3-3-4



**PLYMOUTH ROCKS—BUFF**

**EVERY BREEDER OF BUFF ROCKS** should procure a copy of the new Plymouth Rock Book, the most valuable breed book ever published. Profusely illustrated, contributed to by leading breeders, edited by Wm. C. Denny, 144 pages. Price \$1.00 postpaid. Address, **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**BUFF ROCKS**—Circular. W. R. Hobbie, 532 Court, Kankakee, Ill. tf

**PLYMOUTH ROCKS—WHITE**

**WHITE PLYMOUTH ROCK** breeders should secure a copy of the new Plymouth Rock Book, just out. Invaluable for beginners or experienced breeders. Edited by Wm. C. Denny. One dollar will bring a copy postpaid. Address, **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**HOCH & FREDERICK, CHAMBERSBURG, PA.** Are Selling White Rock Show Birds and Breeders. 3-2-4

**PLYMOUTH ROCKS — SEVERAL VARIETIES**

**JUST OUT**—The new Plymouth Rock Book. The most complete work on all varieties of Plymouth Rocks ever published, contains 144 pages, 3 color plates and many half-tone illustrations. Tells how to mate, breed and exhibit all varieties of this popular fowl. Edited by Wm. C. Denny, price \$1.00 postpaid. Address, **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**RHODE ISLAND REDS**

**S. C. RED COCKERELS**—Large vigorous birds red to the skin, bred from Cleveland and Ashtabula winners. Tompkins strain. Prices right. C. H. Eckler, Ashtabula, Ohio, 42 Chestnut Street. 3-1-4

**EVERY BREEDER OF ROSE AND SINGLE COMB Rhode Island Reds** should read the new Rhode Island Red Book, just out. Gives complete history of this popular variety. Tells how to mate and breed for best results. Edited by D. E. Hale. Fully illustrated. A standard for Red Breeders. Price per copy 75 cents postpaid. Address **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

**EGGS FROM PRIZE WINNING "TOMASCO REDS"** breeding these famous Single Comb Reds direct. I have sons and daughters of the First Boston Cockerel, 1913, in my pens. See the show record of New York and Boston, showing the supremacy of these birds over all other Reds. Eggs \$5.00 setting, utility \$3.00. W. F. Hessert, 36 Harvard Ave., Collingswood, N. J. 3-2-4

**FOR QUICK SALE**, Single Comb Rhode Island Reds of quality and prices that are inviting. Correspondence a pleasure, all stock sold on approval. J. W. Brinser, Box 3, So. Richmond, Va. 4-3-4

**MOORE'S SINGLE COMB REDS, FIRST** at Washington's big show. Excellent size, bone, long bodies, rich red color. Tompkins-Crowther strains. Heavy winter layers. Selected matings, \$2-15, \$5-50, \$8-100. Circular free. Charles S. Moore, Station A, Washington, D. C. 3-3-4

**BLUE RIBBON REDS**, Single Comb, heavy winter layers. Records as high as 255 eggs in a year. Standard-bred and sure to please. Eggs for hatching \$2.00 for 13. H. L. Goodwin, Farmington, Me. 3-3-4

For vigorous **SINGLE COMB BLOOD RED COCKERELS** and hatching eggs from strong, healthy, vigorous birds of prize winning blood, write Sunset Reds, Churchville, N. Y. 3-3-4

**AMERICA'S LEADING WINNERS** in Giant Bronze Turkeys and Partridge Plymouth Rocks. See our ad on page 167. Bird Bros., Meyersdale, Pa. tf

**TURKEYS**

**NEW TURKEY BOOK**. Describes all varieties, tells how to mate, care for and rear, gives full instructions for exhibiting and judging. Contains full page illustrations of Bronze Turkeys in natural colors, also many other instructive and interesting illustrations. Price 75 cents, postpaid. **AMERICAN POULTRY WORLD**, Buffalo, N. Y. tf

Pure-bred Narragansett and Bourbon Red **TURKEYS** from select breeding stock. Miss Esther Leidig, Middletown, Va., R. No. 1. 3-2-4

**WYANDOTTES—BLACK**

Boyd's Washington Strain of winning **BLACK WYANDOTTES**, Ridge Crest Farm, Paris, Md., formerly of Wash., D. C. 12-11-4

**BLACK WYANDOTTES**, America's best, Howard Grant, Marshall, Mich. 5-5-4

**WYANDOTTES—Partridge**

**PARTRIDGE WYANDOTTES**, First cockerel, Second Pullet, at Madison Square last year, Clean Sweep at New Haven, same at State Fair at Berlin with Best Hen in the Show. Fine stock for sale. D. S. Strong, Middle Haddam, Conn. 3-1-4

**WYANDOTTES—SILVER LACED**

**SILVER LACED WYANDOTTE** hen and cockerels for sale, scored and not scored. Mrs. R. A. Whitham, Fairfield, Iowa. 1-1-4

**SILVER WYANDOTTES** (Beckett Strain) fine lot of show and breeding stock for sale, especially males. Address Wm. Nuneviller, Salem Poultry Farm, Salem, N. J. 4-1-4

**WYANDOTTES—WHITE**

**WHITE WYANDOTTE** Pullets, 200 early hatched Duston Strain pullets at reasonable prices. Choice hens and cockerels. Bargains for someone. Edward Lambrite, Erwinna, Pa. tf

**WYANDOTTES—Several Varieties**

Partridge, Golden, Silver, Buff, Columbian and White **WYANDOTTES**; Partridge, Barred and White **ROCKS**; **HOU-DANS, BRAHMAS**, etc., 30 varieties. Prize winning stock and eggs. John T. Crouthamel, Franconia, Pa. 3-2-4

**MISCELLANEOUS**

**VHV** not make your hens lay more eggs. Send \$1.00 for my famous English Poultry Powder Receipt, Fred Battison, 195 Lake St., Pontiac, Mich. 4-2-4

**GREEN CUT CLOVE**, 50 tons, cut fine, good clean quality. Best green feed known for winter egg production. 100 lbs. \$1.40; 500 lbs. \$6.75. Cloverdale Farm Co., Ransomville, N. Y. 3-2-4

**FOR SALE**

**FOR SALE**—Fine Breeders and Show Birds, Orpingtons, (white, black and buff), White Wyandottes, Reds, Runner Ducks. Eggs for hatching. Write Woman's College, Meriden, Miss. 3-1-4

**SEVERAL BREEDS**

**TRAINED**—Beagles, Rabbit Hounds, Fox, Coon, Opposom, Skunk, Deer, Bear Hounds, Setters, Pointers, Pet Dogs, Ferrets. Brown's Kennels, York, Pa. 5-1-4

**BARRED ROCK** Hens and Cockerels, White Rock, Hens, Cockerels and Pullets. R. C. Red cockerels, Sibley Strain. J. E. Brocklehurst, Mercer, Pa. 3-1-4

**WILLOW BROOK POULTRY FARM**

Willow Brook Poultry Farm, Peoria, Ill., was established six years ago by C. E. & H. E. Pemble. Single Comb White Leghorns were the variety selected and from the outset special attention was given to breeding for egg production and they sincerely believe that they have succeeded in establishing one of the best laying strains in the country. They have been unusually successful in raising strong healthy stock and attribute their success to the ideal conditions under which they are grown. The yards are situated just outside the city limits of Peoria and they are beautifully shaded with fine large elms and oaks.

The poultry houses for the growing stock have double runs, one on either side of the house. These runs are planted to fruit trees and are kept well cultivated and seeded to rye, rape or some other crop beneficial to the stock. The young stock have access to a wide range of blue grass and clover. This alone, we believe is responsible for the strong, healthy stock, fertile eggs and vigorous chicks. They have a housing capacity for 3,000 head of grown stock with incubating and brooding capacity sufficient to care for 20,000 chicks per season.

The plant is in charge of C. C. Pemble who superintends the feeding, mating and all details which naturally come up on a plant of this size.

They have some fine young stock for sale and are ready to book orders for baby chicks in large quantities from their utility pens. Chicks from special matings can be had only in limited numbers. Eggs supplied from these matings will also be limited. Eggs for hatching from the utility pens can be had in any number and 90 per cent. fertility will be guaranteed.

Messrs. Pemble will be pleased to hear from any and all readers of this publication that are desirous of securing high class White Leghorns for either utility or exhibition purposes.

**MONMOUTH FARMS RECENT WINNINGS**

The poultry show at Hagerstown, Maryland, held in November, added another prize-winning record to the already long list credited to "The Twentieth Century Dual Purpose Fowls", produced at Monmouth Farms, Freneau, N. J. These Monmouth S. C. White and Buff Leghorns have also made records in egg production which is the reason they are called dual purpose fowls.

At the Hagerstown Show, Monmouth S. C. White Leghorns were awarded 1 pen, 4 cock, 4 hen, 4-5 cockerel, 4-5 pullet. The first pen was awarded the best pen of the show—all varieties competing. The Buff Leghorns won 1 pen, 4 cock, 2-3 hen, 1 cockerel and 1-3 pullet. The 1st cockerel and the 1st pullet also won all special awards.

On five entries of S. C. Buff Leghorns in the Grand Central Palace show, New York City, Monmouth Farms won 1-4 cockerel, 1 pullet, 3 hen and 9 specials. This is a record to be proud of and we congratulate both Monmouth Farms and any poultrymen who are fortunate enough to obtain stock or eggs from this fine strain of Leghorns.

Mr. J. C. Punderford, the owner of Monmouth Farms at Freneau, N. J., says that his new 1914 catalog will be ready to mail about February 1st, and it is to be a "beauty". We advise our readers to send in their names now for a copy if they are interested in either White or Buff Leghorns.

**SIMPLEX SUPPLY HOUSE**

Automatic feeders have come to be regarded as necessary appliances on many poultry farms. The Simplex Supply House, Pontiac Bldg., Chicago, Ill., will send their book, "What and How to Feed", and a description of their Simplex Kant Klog Poultry Feeder free, if you will mention this journal. A post card with your name and address will bring you this booklet. They guarantee their poultry feeders to please or they will refund the money.



**HEARSON CHAMPION INCUBATOR**

Spratt's Patent, Ltd., Newark, N. J., with office in all foreign countries, announce in this issue that they are prepared to fill promptly all orders for the Hearson Champion Incubator. This hatching machine occupies a very prominent position with English poultry raisers and is one of the most popular in England. It is made in various sizes ranging from 24 to 240 eggs, and comes fully equipped with all accessories for artificial incubation. Readers interested in incubators should write at once to the above address and request a copy of "Problem Solved", a booklet fully describing the many valuable points of this machine. Spratt's also manufacture a full line of poultry and chick feeds, drinking fountains, feed troughs, hoppers, cramping machines, coops, remedies, etc., in fact all appliances necessary for the up to date poultry keeper are listed in their free booklet. Better send 10 cents today for a copy of the new and enlarged edition of Poultry Culture, containing 56 pages of valuable information.

**HENDERSON & BILLINGS**

Henderson & Billings, Box W. St. Mary's, Ontario, Can., become annual advertisers with this issue of AMERICAN POULTRY WORLD. Messrs. Henderson & Billings are well known breeders of Single and Rose Comb Brown, Single Comb Buff and Single Comb Black Leghorns and the quality of their stock has often been demonstrated at various shows through out the country. At the Greater Buffalo Show, Thanksgiving week, they made an entry in each of the several classes that their varieties represent and were successful in winning in Rose Comb Brown Leghorns, 2-4 hen; 1-4 pullet; 2 cockerel; S. C. Brown Leghorns, 4 cock; S. C. Buff Leghorns, 1-2 cock, 5 hen, 1-2 pullet, 4 cockerel; S. C. Black Leghorns, 2 cock, 1-2 hen, 4 cockerel, 1-5 pullet. A remarkably good showing when one considers the size of the classes and the quality exhibited at this show. They are now booking orders for eggs for future delivery and will be pleased to hear from all readers of this publication. They are also in position to supply breeding or exhibition stock and have a large flock of cocks, hens, cockerels and pullets to select from. Readers living on this side of the border should not hesitate to patronize Canadian breeders, as all arrangements for sending stock or eggs across the border will be looked after by the breeder. When writing Henderson & Billings kindly mention A. P. W.

**PAYNE BROTHERS REDS**

In a recent letter from Payne Bros., Portland, Conn., breeders of Rose Comb Rhode Island Reds, they state: "We have just returned from New Haven, Conn., where we exhibited 41 birds at the National Meeting of the Rhode Island Red Club. It was a very large exhibit and probably about the best in quality ever shown in the East. Our winnings in part were as follows: 2-7 cock; 1-2 hen; 5 cockerel; 4-6 pullet; 2-4-5-7 pen; state cup of the Rhode Island Red Club; cup for largest display in show and cup for best display of Rhode Island Reds (Rose Combs), besides numerous other specials."

This is indeed a good showing and reflects great credit on Payne Bros. as producers of high quality Rose Comb Reds. They report a very successful season and one of the most even flocks that they have ever raised. The sales have been good and they have already furnished blue ribbon winners for many of the largest shows in the country. They still have several good birds for sale and are also offering some exceptional quality in breeding and utility cockerels at \$3.00, \$5.00 and \$7.50 each. Readers in need of first class breeding or utility Rhode Island Reds should write them at once and mention this paper.

**PITTSBURGH PERFECT**

We have before us a catalogue of the Pittsburgh Perfect Fence manufactured by the Pittsburgh Steel Co., Pittsburgh, Pa. This little booklet of 48 pages and cover not only describes the many styles and sizes of Pittsburgh Perfect Fence and its many good qualities, particularly the fact that it is electrically welded having no wire wrapped joints to catch and hold moisture which soon rust out. By their improved process all longitudinal and upright wires are perfectly amalgamated at their juncture by welding by electricity. So effective is this process that the wire will break before the weld itself can be pulled apart, this fact has led to the coinage of the phrase "The weld that held". This booklet also gives much information on the different sizes of wire and those best adapted for fences desired for different purposes. It also gives much valuable information on the building of fences and shows how best to set and brace posts and also how posts are made to hold securely in hollow spots to prevent them from being lifted from the ground. All readers interested in better fencing should send for a copy of this catalogue, as it contains a large amount of knowledge that all farmers and poultry raisers should welcome.

**ACME WHITE WYANDOTTES**

J. Harry Wolsieffer, Vineland, N. J., who is well known to many readers of this magazine as a poultry judge and lecturer, joins the ranks of A. P. W. advertisers with this issue. Mr. Wolsieffer has had long experience in the breeding of poultry having for years been connected with a poultry farm at Buckhill Falls, Pa., where he established one of the greatest laying strains of White Wyandottes in the country. When leaving this farm a few years ago Mr. Wolsieffer secured several of the best producers with which to establish a flock of his own. By careful breeding and the use of the trap nest he is now in possession of a large flock of these noted layers and is located on a farm where conditions are ideal for poultry raising. In a recent letter he states that he has 600 pullets, 200 breeders and 150 cockerels and that the trap nest is in use on his plant 365 days in the year. He also says that he is selling exhibition birds raised from his heavy layers and that they are winning in the hands of customers. Those who wish to secure a strain of White Wyandottes in which egg production and exhibition qualities are developed to the highest degree should write Acme Poultry Farm, J. Harry Wolsieffer, Proprietor, Vineland, N. J., and mention this publication.

**DODGE'S WHITE ROCKS**

Among the popular varieties, few occupy a higher position than the White Plymouth Rocks and they have achieved their present popularity through their all around good qualities.

F. M. Dodge, Frankfort, N. Y., has been breeding this popular fowl for some years and has established a strain that combine both exhibition and utility qualities. In a recent letter from Mr. Dodge, he states: "I have a lot of farm raised cockerels that are large and vigorous, pure white and all good type that will make choice breeders, that I will dispose of at reasonable prices. Remember my stock has won highest honors at the New York State Fair, Rochester, Utica, etc., and are unexcelled for utility purposes."

We know Mr. Dodge to be reliable and readers of this magazine can depend upon him to stand back of his word. He is ready to book orders for eggs for hatching or baby chicks for later delivery. When writing him kindly mention A. P. W.



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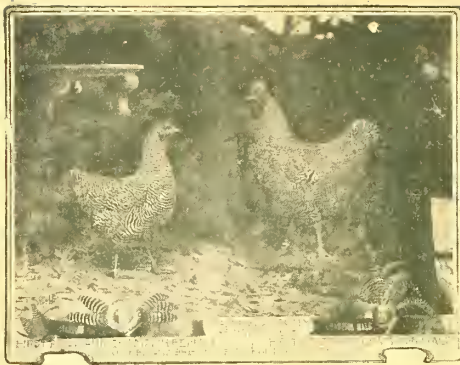
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